

TM8110 – 10 Channel Mobile Radio



The TM8110 is a robust, software-flexible radio ideal for a wide range of voice and data applications. Based on a state-of-the-art Digital Signal Processor (DSP) and capable of transmitting high-speed data through an internal software modem, this radio has been designed to give ultimate flexibility for system integration.

Standard Package Includes:

- 10 Channel Conventional Radio
- 12.5/20/25 kHz programmable channel spacing
- Intuitive Interface with 1-Digit Display
- Vehicle Installation Kit (excluding antenna)
- Built-in Speaker
- Standard Microphone
- Full Selcall Functionality
- DTMF Encoder
- CCR and CCDI Capable
- Multiple Scanning & Voting Formats Supported
- Emergency Stun, Mode, and Revive
- Low Stand-by Power Consumption
- Three Control Signal Outputs
- Programmable RF Power Levels
- Three Mute Settings
- Handset Audio
- Remote Volume Control
- AVL Software Support
- Windows-based Programming Application
- Built-in CTCSS/DCS

Benefits:

- Digital Controller Design
- Rugged Construction – IP54, MIL-STD 810 C,D,E,F
- Data Ready
- Robust RF Performance
- Application-Ready Software
- Advanced System Integration Capabilities

Options:

- 600 Ohm Line Option Board
- Internal High Speed Data Modem – Software Option
- Comprehensive 3DK Hardware Developer's Kit

Frequency Band	Power Level	Product Code	Price
136 – 174 MHz	10, 25, 40, 50W	TM8110H-B1A16	515
	1, 5, 10, 25W	TM8110-B1A00	440
216 – 266 MHz	1, 5, 10, 25W	TM8110-D1A00	440
400 – 470 MHz	10, 20, 30, 40W	TM8110H-H5A16	515
	1, 5, 10, 25W	TM8110-H5A00	440
450 – 520 MHz	10, 20, 30, 40W	TM8110H-H7A16	515
450 – 530 MHz	1, 5, 10, 25W	TM8110-H6A00	440

Option	Price Less
TM8110-xxA01 less microphone	51
TM8110-xxA02 less installation kit	27

- Not all combinations of radios and options may be possible, please check with your Tait Account Manager.
- For additional options, please refer to the TM8000 Mobile Accessories Section in your price book.

TM8115 – 100 Channel Mobile Radio



The TM8115 is a robust, software-flexible radio ideal for a wide range of voice and data applications. Based on a state-of-the-art Digital Signal Processor (DSP) and capable of transmitting high-speed data through an internal software modem, this radio has been designed to give ultimate flexibility for system integration.

Standard Package Includes:

- 100 Channel Conventional Radio, 10 scan groups
- 12.5/20/25 kHz programmable channel spacing
- Intuitive Interface with 2-Digit Display
- Vehicle Installation Kit (excluding antenna)
- Built-in Speaker
- Standard Microphone
- Full Selcall Functionality
- DTMF Encoder
- CCR and CCDI Capable
- Multiple Scanning & Voting Formats Supported
- Emergency Stun, Mode, and Revive
- Low Stand-by Power Consumption
- Three Control Signal Outputs
- Programmable RF Power Levels
- Three Mute Settings
- Handset Audio
- Remote Volume Control
- AVL Software Support
- Windows-based Programming Application
- Built-in CTCSS/DCS

Benefits:

- Digital Controller Design
- Rugged Construction – IP54, MIL-STD 810 C,D,E,F
- Data Ready
- Robust RF Performance
- Application-Ready Software
- Advanced System Integration Capabilities

Options:

- 600 Ohm Line Option Board
- Internal High Speed Data Modem – Software Option
- Comprehensive 3DK Hardware Developer's Kit

Frequency Band	Power Level	Product Code	Price
136 – 174 MHz	10, 25, 40, 50W	TM8115H-B1A16	560
	1, 5, 10, 25W	TM8115-B1A00	485
216 – 266 MHz	1, 5, 10, 25W	TM8115-D1A00	485
400 – 470 MHz	10, 20, 30, 40W	TM8115H-H5A16	560
	1, 5, 10, 25W	TM8115-H5A00	485
450 – 520 MHz	10, 20, 30, 40W	TM8115H-H7A16	560
450 – 530 MHz	1, 5, 10, 25W	TM8115-H6A00	485

Option	Price less
TM8115-xxA01 less microphone	51
TM8115-xxA02 less installation kit	27

- Not all combinations of radios and options may be possible, please check with your Tait Account Manager.
- For additional options, please refer to the TM8000 Mobile Accessories Section.

TM8250 – 1500 Channel Alphanumeric Mobile Radio



The TM8250 is a high performance mobile radio providing a comprehensive solution in conventional systems. This radio is particularly well suited to applications where a high quality and intuitive user interface is required. The TM8250 control head features a large LCD display, offering a number of viewing options and the ability to display a high level of information.

Standard package includes:

- 1500 Channel Conventional Radio, 26 Zones
- 300 Scanning and Voting Groups
- 12.5/20/25 kHz programmable channel spacing
- Standard Microphone
- Standard Vehicle Installation Kit
- Enhanced LCD Dot Matrix Display
- 14 Character Labelling
- Intuitive Menu-based Navigation
- CCDI Capable
- Emergency Stun, Mode, and Revive
- Full Selcall Functionality
- DTMF Encode
- Programmable Function Keys
- GPS/AVL Software Support
- Voice Inversion Scrambling
- VOX Support
- Windows-based Programming Application

Other features:

- Robust RF Performance
- Rugged Construction – IP54, MIL-STD-810 C,D,E,F
- Advanced System Integration Capabilities

Options:

- 6m Remote Installation Kit
- Keypad Microphone
- Internal High Speed Data Modem – Software option

Frequency Band (MHz)	Power Level	Product Code	Price
136 – 174	10, 25, 40, 50W	TM8250H-B1A16	660
	1, 5, 10, 25W	TM8250-B1A00	575
216 – 266	1, 5, 10, 25W	TM8250-D1A00	575
400 – 470	10, 20, 30, 40W	TM8250H-H5A16	660
	1, 5, 10, 25W	TM8250-H5A00	575
450 – 520	10, 20, 30, 40W	TM8250H-H7A16	660
450 – 530	1, 5, 10, 25W	TM8250-H6A00	575

Option	Price less
TM8250-xxA01 less microphone	51
TM8250-xxA02 less installation kit	27

- Not all combinations of radios and options may be possible, please check with your Tait Account Manager.
- For additional options, please refer to the TM8000 Mobile Accessories Section.

TM8105 – 100 Channel Data Radio



The TM8105 is a robust, software-flexible data radio with large options board space, making it one of the most customisable mobile radios on the market. Based on a state-of-the-art Digital Signal Processor (DSP) and capable of transmitting high-speed data through an internal software modem, the TM8105 has been designed to give ultimate flexibility for system integration.

Standard Package Includes:

- 100 Channel Conventional Radio (requires CCDI)
- 12.5/20/25 kHz programmable channel spacing
- Blank Control Head
- Vehicle Installation Kit (excluding antenna)
- Full Selcall Functionality
- DTMF Encoder
- CCR and CCDI Capable
- Multiple Scanning & Voting Formats Supported
- Emergency Mode, Stun and Revive
- Low Stand-by Power Consumption
- Three Control Signal Outputs
- 1200 baud FFSK Data Modem
- Programmable RF Power Levels
- Three Mute Settings
- Handset Audio
- Remote Volume Control
- Windows-based Programming Application
- Third Party Control Head Capable
- AVL Software Support
- Built-in CTCSS/DCS

Benefits:

- Reliable Signalling with DSP
- Expansive Internal Options Area
- Multiple Auxiliary Ports
- Programmable I/O and Audio Tap Points
- Rugged Mechanical Specifications – IP54, MIL-STD 810 C,D,E,F

Options:

- 600 Ohm Line Option Board
- Mobile Alarm Monitoring
- System or Channel Activity Monitoring
- Internal High Speed Data Modem – Software
- Comprehensive 3DK Hardware Developer's Kit

Frequency Band	Power Level	Product Code	Price
136 – 174 MHz	10, 25, 40, 50W	TM8105H-B1A20	505
	1, 5, 10, 25W	TM8105-B1A01	430
216 – 266 MHz	1, 5, 10, 25W	TM8105-D1A01	430
400 – 470 MHz	10, 20, 30, 40W	TM8105H-H5A20	505
	1, 5, 10, 25W	TM8105-H5A01	430
450 – 520 MHz	10, 20, 30, 40W	TM8105H-H7A20	505
450 – 530 MHz	1, 5, 10, 25W	TM8105-H6A01	430

Option	Price less
TM8105-xxA02 (less installation kit)	27

- Not all combinations of radios and options may be possible, please check with your Tait Account Manager.
- For additional options, please refer to the TM8000 Mobile Accessories Section.

TM8000 Mobiles - Options and Accessories

Microphones and Speakers



TM8000 Rugged Microphone



TM8200 Keypad Microphone

Product Code	Description	Detailed Description	Price
TMAA02-01	TM8000 Rugged Microphone	Meets MIL standard 810 and IP54.	51
TMAA02-02	TM8100 DTMF Microphone	Generates DTMF tones.	150
TMAA02-06	TM8000 Concealed Mic Support Kit	For TM811x control head.	31
TMAA02-08	TM8200 Rugged Keypad Microphone	Allows user to easily dial channels, and make Selcall and DTMF calls. IP54 rated.	150
TMAA10-01	TM8000 Desktop Microphone	Desktop microphone with monitor and PTT button. If extra audio amplification is needed then fit TMAA02-06. For TM811x only.	165
TMAA10-02	TM8000 Handset	Robust handset for private conversations. Requires TMAA02-06 if used with TM8100.	365
TMAA10-03	TM8000 Remote Speaker for 25W mobile	10 W remote mount speaker with 20W peak, size approximately 5 x 2.5 x 2.5 inches, 5m cable.	61
TMAA10-06	TM8000 Remote Speaker for 50W mobile	10 W remote mount speaker with 20W peak, size approximately 5 x 2.5 x 2.5 inches, 5m cable.	61
TMAA10-04	TM8000 Remote PTT Kit	Includes gear lever remote PTT and visor microphone.	81
TMAA10-05	TM8200 Handsfree Kit	Same as TMAA10-04 but without gear lever PTT. Intended for use with TM8200 VOX.	35

Radio Control Heads



TM8115 Two Digit Display Control Head Standard

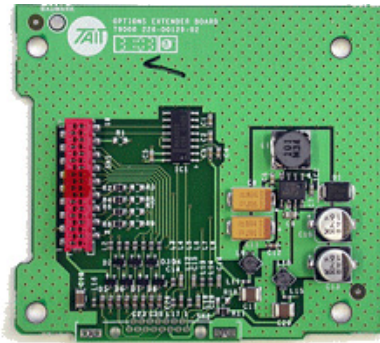
TM8100:

Product Code	Description	Price
TMAC10-0T	TM8105 Blank Control Head Standard	42
TMAC50-0T	TM8110 One Digit Display Control Head Standard	100
TMAC20-0T	TM8115 Two Digit Display Control Head Standard	115

TM8200:

Product Code	Description	Price
TMAC40-0T	TM8200 Alphanumeric Control Head	185
TMAC34-0T	TM8250 Remote Installation Blank Head - requires TMAC40-0T, TMAA03-03 & TMAA04-01	75

Internal Options Boards



TM8000 Options Extender Board

Product Code	Description	Detailed Description	Price
TMAA01-01	TM8000 Line Interface Board	Provides a 600-ohm, 2 or 4 wire interface for remote control of the radio.	145
TMAA01-02	TM8000 RS232 Interface Board	Provides RS232 interface	78
TMAA01-05	TM8000 Options Extender Board	Connects internal options connector to DB15 high density. Provides RS232 conversion. Can be configured to provide 5 volt supply.	105

3DK Application Developer's Kit

Product Code	Description	Detailed Description	Price
TMAA30-01	TM8000 3DK Resource CD	Contains: 3DK Hardware Developer's Manual, CCDI Protocol Manual, Programming Software, Calibration Software, User's Guide, Operator's Manual, Accessories Manual, Service Manual , PCB Information Packs	90
TMAA30-00	TM8000 3DK Hardware Developer's Kit	Includes: TMAA30-01 3DK Resource CD, TMAA01-01 Line Interface Board, TMAA01-05 Options Extender Board, TMAA30-06 Internal Options Kit, and TMAA20-00 Programming Kit.	340
TMAA31-00	TM8000 Enhanced Developers kit	Contains: TMAA30-01 3DK Resource CD, TMAA30-06 Internal Options Kit and TMAA30-02	395
TMAA30-02	TM8000 Applications Target Board	Connects third party equipment to the TM8000 radio, via the external options connector, using a 15 way high density D-range socket.	120
TMAA30-03	RJ45 to DB15	For interfacing to RJ45 through the rear of the radio (via the aux connector) (not pre-wired, some assembly is required).	30
TMAA30-06	TM8000 Internal Options Kit	Contains: connectors, looms and screws. Used to interface to customer's own board.	40
TMAA30-07	Programming Lead	TM8000 3DK Development Board Serial Programming Lead	45
TMAA30-08	ICD2 Adaptor	TM8000 3DK Development Board ICD2 Adaptor Lead	18

Programming and Service Kits

Product Code	Description	Detailed Description	Price
TMAA20-00	Programming Kit	Includes: Product CD, Programming leads	162
TMAA20-01	TM8000 Product Support CD	Includes: Programming Software, User Guide, Operator's Manual, Accessories Manual, Service Manual	27
TMAA20-02	TM8105 Programming Adaptor	Required to program the TM8105. Converts DB9 to an RJ45, which mirrors the TM8115 mic connector and can use the T2000-A19 and TMAA20-04 programming leads.	17
TMAA20-03	TM8000 Benchtop Power Lead	Used to power TM8000 series radios from a benchtop PSU with banana sockets. Leads are approximately 800mm in length. Not required for desktop use with a Tait PSU.	35
TMAA20-04	TM8000 Programming Adaptor Cable	Used for programming and calibration. Converts the control head's mic socket from 8-way RJ45 to 6-way RJ12. Allows re-use of the T2000-A19 (which is also used for the TOP and T2000). For TM8000 series radios, except TM8105.	12
T2000-A19	Programming Lead	Performs RS232 conversion between radio and PC.	40
T20MAA21-00	TM8000 Service Kit	Includes Product CD, Service Manual, Programming & Calibration Leads and Radio test unit	420
TMAA21-01	TM8000 Cable	Used to connect the radio to TOPA-SV-024.	20
MMA-00001-01	Service and Accessories Manual	Hard copy of the Service Manual which includes both radio and accessory service manuals.	90
TOPA-SV-024	TOP & TM8000 Test Unit	Test unit for maintaining Tait Orca Portable radios and TM8100 mobile radios.	139

Spares Kits

Product Code	Description	Detailed Description	Price
TMAA22-01	Mechanical Spares for TMAC20-0T	Includes the complete TM8115 control head except the PCB.	60
TMAA22-02	Mechanical Spares for TMABx2	Mechanical parts for 25W radio except for chassis and lid (no PCB.)	40
TMAA22-03	Replacement Boards for TMAC20-0T	TM8115 control head replacement boards (x6).	255
TMAA22-07	Radio body seals	Control head seal (x10).	20
TMAA22-08	Mechanical Spares for TMAC40-0T	Includes the complete TM8255 control head except the PCB and LCD.	60
TMAA22-09	Replacement Boards for TMAC40-0T	TM8200 alphanumeric control head replacement boards (x3).	330
TMAA22-12xx	Replacement Boards for TMAB12-xx00	TM8100 25W radio replacement boards. Where xx = frequency band eg. H5=400-470MHz.	400
TMAA22-22xx	Replacement Boards for TMAB22-xx00	TM8200 25W radio replacement boards. Where xx = frequency band eg. H5=400-470MHz.	450
TMAA22-90	Mechanical Spares for TMAC50-0T	Includes the complete TM8110 control head except the PCB.	60
TMAA22-91	Replacement Boards for TMAC50-0T	TM8110 control head replacement boards (x6).	130

Display Radios

Product Code	Description	Detailed Description	Price
TMAA40-01	TM8105 Display Radio	Includes installation kit, dummy control head and radio body.	77
TMAA40-02	TM8115 Display Radio	Includes microphone, installation kit, dummy control head and radio body.	112
TMAA40-09	TM8200 Display Radio	Includes keypad microphone, installation kit, display control head and radio body.	150

Power Supplies & Mounting Options



Power Supply using TMAA03-06 U-Cradle
Installation with TM8115



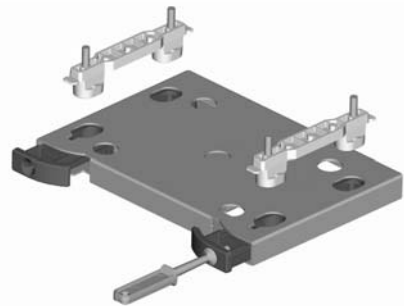
TMAA03-09 Plinth

Product Code	Description	Detailed Description	Price
TMAA13-22	TM8000 Desktop Power Supply Unit for 40/50W mobiles	23A (DC) desktop PSU for 120V (AC) with power cord (no mounting supplied).	225
TMAA12-22	TM8000 Desktop Power Supply Unit for 25W mobiles	10A (DC) desktop PSU for 120V (AC) with power cord (no mounting supplied).	170
TMAA03-13	TM8100 40/50W U-Cradle Installation for Desktop PSU	U-cradle to attach 40/50W radio to desktop PSU. Suitable for TM8100 radios only (requires a desktop PSU above).	53
TMAA03-06	TM8100 25W U-Cradle Installation for Desktop PSU	U-cradle to attach 25W radio to desktop PSU. Suitable for TM8100 radios only (requires a desktop PSU above).	45
TMAA03-12	TM8000 Plinth for Desktop Mounting for 40/50W mobile	Plinth to mount 40/50W radio and provide connection to desktop PSU. (requires TMAA13-22).	38
TMAA03-09	TM8000 Plinth for Desktop Mounting for 25W mobile	Plinth to mount 25W radio and provide connection to desktop PSU. (requires TMAA12-22).	30

Vehicle Installation Kits



Radio with Install Kit and TMAA03-14 U-Cradle



TMAA03-02 Security Cradle

Product Code	Description	Detailed Description	Price
TMAA03-15	BNC Install Kit for 40/50W Radio	Includes: power cable, fuses and BNC connector.	25
TMAA03-10	Mini-UHF Install Kit for 40/50W Radio	Includes: power cable, fuses and Mini-UHF connector	25
TMAA03-11	BNC Install Kit for 25W Radio	Includes: power cable, fuses and BNC connector.	17
TMAA03-20	Mini-UHF Install Kit for 25W Radio	Includes: power cable, fuses and Mini-UHF connector	17
TMAA03-14	U-Cradle	Includes U-cradle and screws (requires install kit)	10
TMAA03-02	Security Cradle	Provides a secure and quick release installation with electrical isolation (requires install kit)	30
TMAA03-16	TM8200 6-meter Remote Installation Kit	Includes TMAA03-03 Remote Head Rear Panel, TMAA04-01 Remote Head Cable, and TMAC34-0T Remote Installation Blank Head.	125
TMAA03-03	TM8200 Remote Head Rear Panel	Rear panel for TM8200 Control Head when it is remotd. Requires TMAC40-0T, TMAA04-01 (or similar) & TMAC34-0T	80
TMAA04-01	TM8250 Remote Head Cable	6m cable for TM8200. For use with TMAC34-0T & TMAA03-03	17

TM9155 P25 Mobile Radio



Designed with the functionality required for public safety and public service organizations, the TM9155 mobile offers intelligent radio design coupled with robust specs and excellent digital audio clarity.

The TM9155 meets full P25 compliance and is designed with a similar Programming Interface to the TP9155 and TP9160 portables, making training and operation even easier with the full Tait range of P25 digital products.

Standard Package Includes:

- 512 Channel/Talkgroup Conventional Radio
- 12.5/25/30 kHz programmable channel spacing
- Large 28 Character Graphical Alphanumeric Display
- U-Cradle Vehicle Installation Kit (excluding antenna)
- Built-in Speaker
- Standard Microphone TMAA02-01
- Full Project 25 Compliance
- DTMF Encoder
- Built-in CTCSS/DCS
- Multiple Scanning & Voting Formats Supported
- Digital, Analog and Mixed Mode Capable
- Emergency Mode
- Caller ID
- Radio Inhibit
- Status Messages
- Radio Check
- Repeater Talkaround / Direct Mode
- Windows-based Programming Application

Optional Packages Include:

- Installation Kit with BNC or Mini-UHF Connector
- Security Cradle Vehicle Installation Kit
- Remote Head Installation Kit
- Full Keypad Microphone

TM9155 40-50W Mobile Packages							
Frequency Band	Power Levels	RF Connector	Mic	Remote Head	Vehicle Install Kit	Product Code	Price
136-174 MHz	10, 15, 25, 50W	BNC	Standard	No	U-Cradle	TM9155H-B1A33	2575
			Keypad	No	Security	TM9155H-B1A21	2694
				Yes	Security	TM9155H-B1A22	2819
		Mini-UHF	Standard	No	U-Cradle	TM9155H-B1A34	2575
			Keypad	No	Security	TM9155H-B1A23	2694
				Yes	Security	TM9155H-B1A24	2819
400-470 MHz	10, 15, 25, 40W	BNC	Standard	No	U-Cradle	TM9155H-H5A33	2575
			Keypad	No	Security	TM9155H-H5A21	2694
				Yes	Security	TM9155H-H5A22	2819
		Mini-UHF	Standard	No	U-Cradle	TM9155H-H5A34	2575
			Keypad	No	Security	TM9155H-H5A23	2694
				Yes	Security	TM9155H- H5A24	2819
450-520 MHz	10, 15, 25, 40W	BNC	Standard	No	U-Cradle	TM9155H-H7A33	2575
			Keypad	No	Security	TM9155H-H7A21	2694
				Yes	Security	TM9155H-H7A22	2819
		Mini-UHF	Standard	No	U-Cradle	TM9155H-H7A34	2575
			Keypad	No	Security	TM9155H-H7A23	2694
				Yes	Security	TM9155H-H7A24	2819

TM9155 25W Mobile Packages							
Frequency Band	Power Levels	RF Connector	Microphone	Remote Head	Vehicle Install Kit	Product Code	Price
136-174 MHz	1, 5, 12, 25W	BNC	Standard	No	U-Cradle	TM9155-B1A33	2175
			Keypad	No	Security	TM9155-B1A21	2294
				Yes	Security	TM9155-B1A22	2419
		Mini-UHF	Standard	No	U-Cradle	TM9155-B1A34	2175
			Keypad	No	Security	TM9155-B1A23	2294
				Yes	Security	TM9155-B1A24	2419
400-470 MHz	1, 5, 12, 25W	BNC	Standard	No	U-Cradle	TM9155-H5A33	2175
			Keypad	No	Security	TM9155-H5A21	2294
				Yes	Security	TM9155-H5A22	2419
		Mini-UHF	Standard	No	U-Cradle	TM9155-H5A34	2175
			Keypad	No	Security	TM9155-H5A23	2294
				Yes	Security	TM9155- H5A24	2419
450-530 MHz	1, 5, 12, 25W	BNC	Standard	No	U-Cradle	TM9155-H6A33	2175
			Keypad	No	Security	TM9155-H6A21	2294
				Yes	Security	TM9155-H6A22	2419
		Mini-UHF	Standard	No	U-Cradle	TM9155-H6A34	2175
			Keypad	No	Security	TM9155-H6A23	2294
				Yes	Security	TM9155-H6A24	2419

40/50W Mobile Radio Bodies		
Product Code	Description	Price
TMAB34-B100B	TM9155 VHF 136-174 MHz 50W Radio Body, BNC connector	2179

TMAB34-B101B	TM9155 VHF 136-174 MHz 50W Radio Body, mini-UHF connector	
TMAB34-H500B	TM9155 UHF 400-470 MHz 40W Radio Body, BNC connector	
TMAB34-H501B	TM9155 UHF 400-470 MHz 40W Radio Body, mini-UHF connector	
TMAB34-H700B	TM9155 UHF 450-520 MHz 40W Radio Body, BNC connector	
TMAB34-H701B	TM9155 UHF 450-520 MHz 40W Radio Body, mini-UHF connector	

25W Mobile Radio Bodies

Product Code	Description	Price
TMAB32-B100B	TM9155 VHF 136-174 MHz 25W Radio Body, BNC Install Kit	1787
TMAB32-B101B	TM9155 VHF 136-174 MHz 25W Radio Body, mini-UHF Install Kit	
TMAB32-H500B	TM9155 UHF 400-470 MHz 25W Radio Body, BNC Install Kit	
TMAB32-H501B	TM9155 UHF 400-470 MHz 25W Radio Body, mini-UHF Install Kit	
TMAB32-H600B	TM9155 UHF 450-530 MHz 25W Radio Body, BNC Install Kit	
TMAB32-H601B	TM9155 UHF 450-530 MHz 25W Radio Body, mini-UHF Install Kit	

Control Heads

Product Code	Description	Price
TMAC41-1T	TM9155 Control Head with Covert Microphone	300

TM9155 – Options and Accessories

Microphones and Speakers



TMAA02-01 Rugged Microphone



TMAA02-08 Keypad Microphone

Product Code	Description	Price
TMAA02-01	TM9155 Rugged Microphone (IP54, supplied as standard with TM9155)	51
TMAA02-08	TM9155 Rugged Microphone with Keypad	150
TMAA10-01	TM9155 Desktop Microphone	165
TMAA10-02	TM9155 Handset	365
TMAA10-04	TM9155 Remote PTT Kit (Visor electret mic and gear lever switch)	81
TMAA10-03	TM9155 External 10W speaker for 25W mobile radio	61
TMAA10-06	TM9155 External 10W speaker for 50W mobile radio	61

Power Supplies and Desktop Mounting Options



TMAA12-22 Power Supply



TMAA03-09 Plinth

Product Code	Description	Price
TMAA12-22	Desktop Power Supply Unit (US / Canada) for 25W mobile – includes cordset, box, label and user guide	170
TMAA13-22	Desktop Power Supply Unit (US / Canada) for 50W mobile – includes cordset, box, label and user guide	225
TMAA03-09	PSU Plinth mounting kit for 25W mobile radio desktop power supply	30
TMAA03-12	PSU Plinth mounting kit for 50W mobile radio desktop power supply	38

TM9155 – Options and Accessories
Installation Kits and Cradles

Product Code	Description	Price
TMAA03-20	Install Kit – cords & adapters for 40/50W mobile radio with BNC	25
TMAA03-11	Install Kit – cords & adapters for 25W mobile radio with BNC	17
TMAA03-10	Install Kit – cords & adapters for 40/50W mobile radio with mini-UHF	25
TMAA03-15	Install Kit – cords & adapters for 25W mobile radio with mini-UHF	17
TMAA03-14	TM9155 U-Cradle and screws (Requires install kit)	10
TMAA03-02	TM9155 Security Cradle (Requires install kit)	30
TMAA03-08	TM9155 Remote Kit with 6m cable	125

Software Feature Enablers

Product Code	Description	Price
TMAS050	P25 Common Air Interface (Required for P25 Operation)	700
TMAS051	P25 'Dispatch' type Services <ul style="list-style-type: none"> - Radio Check – transmits a Radio Check to another terminal - Radio Monitor – enables discreet listening of another terminal - Status Request – requests the status of another radio - Stun/Revive – can stun or revive another terminal - Acknowledge Group Addresses Services – in the absence of a dispatcher can acknowledge services e.g., emergency alerts, status calls 	500
TMAS053	DES Encryption (license per radio) – fixed key	400

Programming Kits

Product Code	Description	Price
TMAA23-00	Programming Kit - TM9000 & TP9000. Includes programming software, cables and USB adapter	300
TMAA24-00	Service Kit – TM9100 & TP9100. Includes calibration and programming software, cables, interface unit, USB adapter and service documentation	500

User Guides

Product Code	Description	Price
MMA-00007-01	TM9155 User Guide	10

Tait Orca 5010 Conventional – 16 Channel Portable Radio

Features:

- 16 Channels
- 2 Programmable Function Keys
- Handset operation
- Rugged construction
- IP54 certified, MIL STD 810 C, D & E
- Programmable Channel Spacing (12.5/20/25kHz)
- Monitor Function
- Scanning and Voting
- Repeater Talk around
- Emergency Mode
- Selective calling
- Power Saving Modes
- Remote Stun and Revive
- One touch call



*Antenna sold separately

Tait Orca 5010 – Radio Only		
Frequency	Product Code	Price
136-174 MHz	TOP-B2410-B0	367
216-222 MHz	TOP-C2410-B0	
400-470 MHz	TOP-H2410-B0	
450-530 MHz	TOP-I2410-B0	
806-870 MHz Tx 851-870 MHz Rx	TOP-J2410-B0	
896-941 MHz Tx 935-941 MHz Rx	TOP-K2410-B0	

Not all combination of radios and options may be possible, please check with your Tait Customer Service Representative.

Tait Orca 5011 Conventional – 16 Channel Portable Radio


Features:

- 16 Channels
- 2 Programmable Function Keys
- 2 Tone signaling
- G Star
- Handset operation
- Rugged construction
- IP54 certified, MIL STD 810 C, D & E
- Programmable Channel Spacing (12.5/20/25kHz)
- Monitor Function
- Scanning and Voting
- Repeater Talk around
- Emergency Mode
- Selective calling
- Power Saving Modes
- Remote Stun and Revive
- One touch call



*Antenna sold separately

Tait Orca 5011 – Radio Only		
Frequency	Product Code	Price
136-174 MHz	TOP-B2430-B0	451
216-222 MHz	TOP-C2430-B0	
400-470 MHz	TOP-H2430-B0	
450-530 MHz	TOP-I2430-B0	
806-870 MHz Tx 851-870 MHz Rx	TOP-J2430-B0	
896-941 MHz Tx 935-941 MHz Rx	TOP-K2430-B0	

Tait Orca 5011 – Intrinsically Safe* 16 Channel Radio Only			
 <p>Intrinsically Safe</p>	Frequency	Product Code	Price
	136-174 MHz	TOP-B2430-B2	508
	216-222 MHz	TOP-C2430-B2	
	400-470 MHz	TOP-H2430-B2	
	450-530 MHz	TOP-I2430-B2	
	806-870 MHz Tx 851-870 MHz Rx	TOP-J2430-B2	
	896-941 MHz Tx 935-941 MHz Rx	TOP-K2430-B2	

* Factory Mutual Approved Intrinsically Safe Class I, Division 1, Groups C, D, T3C

* Factory Mutual Approved Non-Incendive Class I, Division 2, Groups A, B, C, D, T3C

* Intrinsically Safe portables can only be used with Intrinsically Safe approved accessories

Not all combination of radios and options may be possible, please check with your Tait Customer Service Representative.

Tait Orca 5020 Conventional – 350 Channel Portable Radio

Features:

- 350 Channels
- 100 Alphanumeric Presets
- 2 Programmable Function Keys
- Send and Receive Short Data Messages
- Handset operation
- Keypad Lock, Battery Charge Indicator, Menu System
- One touch call
- Monitor Function
- Selective calling, Scanning and Voting
- Repeater Talk around
- Call Queuing
- Emergency and Power Saving Modes
- Remote Stun and Revive
- Rugged construction
- IP54 certified, MIL STD 810 C, D & E
- Programmable Channel Spacing (12.5/20/25kHz)



*Antenna sold separately

Tait Orca 5020 - Radio Only		
Frequency	Product Code	Price
136-174 MHz	TOP-B2610-B0	586
216-222 MHz	TOP-C2610-B0	
400-470 MHz	TOP-H2610-B0	
806-870 MHz Tx 851-870 MHz Rx	TOP-J2610-B0	
896-941 MHz Tx 935-941 MHz Rx	TOP-K2610-B0	

Tait Orca 5021 Conventional – 100 Channel Portable Radio


Features:

- 100 Channels
- 100 Alphanumeric Presets
- 2 Programmable Function Keys
- Send and Receive Short Data Messages
- 2 Tone signaling
- G Star
- Handset operation
- Keypad Lock, Battery Charge Indicator, Menu System
- One touch call
- Monitor Function
- Selective calling, Scanning and Voting
- Repeater Talk around
- Call Queuing
- Emergency and Power Saving Modes
- Remote Stun and Revive
- Rugged construction
- IP54 certified, MIL STD 810 C, D & E
- Programmable Channel Spacing (12.5/20/25kHz)



*Antenna sold separately

Tait Orca 5021 - Radio Only		
Frequency	Product Code	Price
136-174 MHz	TOP-B2630-B0	586
216-222 MHz	TOP-C2630-B0	
400-470 MHz	TOP-H2630-B0	
450-530 MHz	TOP-I2630-B0	
806-870 MHz Tx 851-870 MHz Rx	TOP-J2630-B0	
896-941 MHz Tx 935-941 MHz Rx	TOP-K2630-B0	

Tait Orca 5021 – Intrinsically Safe* 100 Channel Radio Only			
	Frequency	Product Code	Price
	136-174 MHz	TOP-B2630-B2	650
	216-222 MHz	TOP-C2630-B2	
	400-470 MHz	TOP-H2630-B2	
	450-530 MHz	TOP-I2630-B2	
	806-870 MHz Tx 851-870 MHz Rx	TOP-J2630-B2	
	896-941 MHz Tx 935-941 MHz Rx	TOP-K2630-B2	

* Factory Mutual Approved Intrinsically Safe Class I, Division 1, Groups C, D, T3C

* Factory Mutual Approved Non-Incendive Class I, Division 2, Groups A, B, C, D, T3C

* Intrinsically Safe portables can only be used with Intrinsically Safe approved accessories

Not all combination or radios and options may be possible, please check with your Tait Customer Service Representative.

Tait Orca 5030 - MPT 1327 Trunked


Features:

- 16 Preset Calls
- Conventional Channel CTCSS
- Two Programmable Function Keys
- Programmable Channel Spacing (12.5/20/25kHz)
- Rugged Construction - meets IP54 & Mil-Std 810 C,D & E
- Compact Ergonomic Design
- Intelligent Power Saving - to prolong battery life
- Universal Accessory Interface
- Dynamic Regrouping
- Dynamic Power Control



*Antenna sold separately

Tait Orca 5030 – Radio Only		
Frequency	Product Code	US List Price
136-174 MHz	TOP-B2420-B0	500
216-222 MHz	TOP-C2420-B0	
400-470 MHz	TOP-H2420-B0	
450–530 MHz	TOP-I2420-B0	
806-870 MHz Tx 851-870 MHz Rx	TOP-J2420-B0	
896-941 MHz Tx 935-941 MHz Rx	TOP-K2420-B0	

Tait Orca 5030 – Intrinsically Safe* Radio Only			
 <p>Intrinsically Safe</p>	Frequency	Product Code	US List Price
	136-174 MHz	TOP-B2420-B2	575
	216-222 MHz	TOP-C2420-B2	
	400-470 MHz	TOP-H2420-B2	
	450–530 MHz	TOP-I2420-B2	
	806-870 MHz Tx 851-870 MHz Rx	TOP-J2420-B2	
	896-941 MHz Tx 935-941 MHz Rx	TOP-K2420-B2	

* Factory Mutual Approved Intrinsically Safe Class I, Division1, Groups C, D, T3C

* Factory Mutual Approved Non-Incendive Class I, Division 2, Groups A, B, C, D, T3C

* Intrinsically Safe portables can only be used with Intrinsically Safe approved accessories

Not all combination or radios and options may be possible, please check with your Tait Customer Service Representative.

Tait Orca 5035 - MPT 1327 Trunked


Features:

- 100 Alphanumeric Presets
- 10 Conventional Channels
- MPT1327 Signaling Standards
- 3 Programmable Function Keys (4 Functions)
- Handset Operation, Battery Charge Indicator
- Menu System
- Call Queuing
- Emergency and Power saving modes
- Remote Stun and Revive
- PSTN & PABX Calls
- Alpha Status calls
- Multiple Networks
- Receive Short Data Messages
- Programmable Channel Spacing (12/20/25kHz)



*Antenna sold separately

Tait Orca 5035 – Radio Only		
Frequency	Product Code	US List Price
136-174 MHz	TOP-B2520-B0	593
216-222 MHz	TOP-C2520-B0	
400-470 MHz	TOP-H2520-B0	
450–530 MHz	TOP-I2520-B0	
806-870 MHz Tx 851-870 MHz Rx	TOP-J2520-B0	
896-941 MHz Tx 935-941 MHz Rx	TOP-K2520-B0	

Tait Orca 5035 – Intrinsically Safe* Radio Only			
	Frequency	Product Code	US List Price
	136-174 MHz	TOP-B2520-B2	683
	216-222 MHz	TOP-C2520-B2	
	400-470 MHz	TOP-H2520-B2	
	450–530 MHz	TOP-I2520-B2	
	806-870 MHz Tx 851-870 MHz Rx	TOP-J2520-B2	
	896-941 MHz Tx 935-941 MHz Rx	TOP-K2520-B2	

* Factory Mutual Approved Intrinsically Safe Class I, Division1, Groups C, D, T3C

* Factory Mutual Approved Non-Incendive Class I, Division 2, Groups A, B, C, D, T3C

* Intrinsically Safe portables can only be used with Intrinsically Safe approved accessories

Not all combinations of radios and options may be possible, please check with your Tait Customer Service Representative.

Tait Orca 5040 - MPT 1327 Trunked


Features:

- 100 Alphanumeric Presets
- 10 Conventional Channels
- 3 Programmable Function Keys (4 Functions)
- MPT1327 Signaling Standards
- DTMF Overdialing
- Keypad Lock, Handset Operation, Battery Charge Indicator
- Menu System, Call Queuing
- Emergency and Power saving modes
- Remote Stun and Revive
- PSTN & PABX Calls
- Send and Receive Short Data Messages
- Programmable Channel Spacing (12/20/25kHz)
- Alpha Status calls
- Multiple Networks



*Antenna sold separately

Tait Orca 5040 – Radio Only		
Frequency	Product Code	US List Price
136-174 MHz	TOP-B2620-B0	634
216-222 MHz	TOP-C2620-B0	
400-470 MHz	TOP-H2620-B0	
450–530 MHz	TOP-I2620-B0	
806-870 MHz Tx 851-870 MHz Rx	TOP-J2620-B0	
896-941 MHz Tx 935-941 MHz Rx	TOP-K2620-B0	

Tait Orca 5040 – Intrinsically Safe* Radio Only			
	Frequency	Product Code	US List Price
	136-174 MHz	TOP-B2620-B2	729
	216-222 MHz	TOP-C2620-B2	
	400-470 MHz	TOP-H2620-B2	
	450–530 MHz	TOP-I2620-B2	
	806-870 MHz Tx 851-870 MHz Rx	TOP-J2620-B2	
	896-941 MHz Tx 935-941 MHz Rx	TOP-K2620-B2	

* Factory Mutual Approved Intrinsically Safe Class I, Division1, Groups C, D, T3C

* Factory Mutual Approved Non-Incendive Class I, Division 2, Groups A, B, C, D, T3C

* Intrinsically Safe portables can only be used with Intrinsically Safe approved accessories

Not all combinations of radios and options may be possible, please check with your Tait Customer Service Representative.

Tait Orca 5000 Portable Accessories			
	Product Code	Description	US List Price
Antennas 	TOPA-AN-101	130-230 MHz, 3' 8 cm Helical VHF	24
	TOPA-AN-102	336-500 MHz, 3' 8 cm Helical UHF	24
	TOPA-AN-201	136-340 MHz, 6' 15 cm Helical VHF	24
	TOPA-AN-212	400-550 MHz, 6' 15 cm Whip UHF	24
	TOPA-AN-204	806-870 MHz, ½ Wave Pre-tuned	29
	TOPA-AN-205	896-941 MHz, ½ Wave Pre-tuned	29
Batteries & Chargers 	TOPB200	Battery, Ni-Cad - 1500mAh	57
	TOPB500	Battery, Ni-MH - 2000mAh	74
	TOPB800	Battery, Ni-MH - 2300mAh, slim pack	74
	TOPA-CH-204	Desktop Fast Chgr (TOPA-CH-200), Plugpack (T952-042)	71
	TOPA-CH-304	Six-way Multicharger, Plugpack	600
Portable Carry Accessories 	950-00015-00	Heavy Duty Case - Orca 5021/35/40 (keypad) + Belt Loop	36
	950-00016-00	Heavy Duty Case - Orca 5011/30 c/w Belt Loop	36
	TOPA-CA-004	Accessory Port Covers (Packs of 10)	7
	TOPA-CA-007	Belt Clip, 38mm	5
	TOPA-CA-003	Belt Clip, 38mm (Packs of 10)	12
	TOPA-CA-005	Belt Clip, 55mm	12
	TOPA-CA-006	Belt Clip, 55mm (Packs of 10)	110
	950-00029-00	Belt Loop (TCN-ZZ-3000)	13
	TOPA-CA-104G	D-Clip	7
Standard Speaker Mics & Accessories 	TOPA-AA-001G	Speaker Mic (-10°C), 2 Function Buttons	69
	TOPA-AA-002G	Speaker Mic (-30°C), 2 Function Buttons	139
	TOPA-AA-003G	Spkr Mic (-30°C), Mil Spec, 1 Fn Button, 2.5mm jack	164
	TOPA-AA-004G	Spkr Mic (-30°C), Mil Spec, RF, 1 Fn Button, 2.5mm jack	179
	T952-051	Speaker Mic Earphone Kit, 2.5mm plug	53
	TOPA-AA-005G	7.5mm Two-Pin Accessory Adaptor	32
	TOPA-AA-006G	TOP Accessory Connector Kit	37
	TOPA-AA-007G	TOP RF Accessory Connector Kit	44
	TOPA-AA-008	Speaker Mic -30°C, hi/lo vol, 7.5mm, 2-pin plug	103
	TOPA-AA-009	2 wire Palm Microphone and Earphone	101
	TOPA-AA-010	3 wire Lapel Microphone and Earphone	132
	TOPA-AA-011	Light Headset with in-line PTT	134
	TOPA-AA-012	Over-the-head Headset with Noise Cancel boom mic	373
	TOPA-AA-013	Behind-the-head Headset with Noise Cancel boom mic	477
Speaker Mics TOPA-AA-008, -011, -012, -013 must be ordered with TOPA-AA-005G to connect to Orca 5000 Portables			
D-Clip Speaker Mics & Accessories 	TOPA-AA-101G	D-Clip Speaker Mic (-10°C), 2 Function Buttons	69
	TOPA-AA-102G	D-Clip Speaker Mic (-30°C), 2 Function Buttons	139
	TOPA-AA-103G	D-Clip Speaker Mic (-30°C), Mil Spec, 1 Fn Button, 2.5mm jack	95
	TOPA-AA-104G	D-Clip Speaker Mic (-30°C), Mil Spec, RF, 1Fn Button, 2.5mm	179
	TOPA-AA-106G	D-Clip TOP Accessory Connector Kit	37
	TOPA-AA-107G	D-Clip TOP RF Accessory Connector Kit	44
	TOPA-VK-011A	TOP Vehicle Kit w/ Heavy Duty Mic and Remote Spkr	363
Vehicle Kits can be used with Ni-Cad batteries and Ni-MH batteries			
Programming Kit	950-00028-00	TOP 5000 Programming Kit with CD incl. TOPA-SV-003G	127
FM Approved Intrinsically Safe Portables Accessories			
IS Battery	TOPB200-IF	Intrinsically Safe Battery Ni Cad 1500mAh	114
	TOPB500-IF	Intrinsically Safe Battery NiMH 2000mAh	114
IS Accessories	TOPA-AA-003G	Rugged Speaker-Mic	164
	TOPA-AA-004G	Rugged RF Speaker-Mic	179
	T952-051	Earphone Kit Speaker-Mic	53
	TOPA-AA-012	Headset (over head) with noise canceling mic	299
	TOPA-AA-013	Headset (behind neck) with noise canceling mic	380
	TOPA-AA-005G	7.5mm Accessory Connector (for headset)	32

Tait Orca Replacement Parts and Spares		
Product Code	Description	US List Price
Portable Carry Accessories		
950-00019-00	Leather Case for Orca Elan c/w Belt Loop - TCN-148	34
950-00021-00	Leather Case for Orca Excel c/w Belt Loop - TCN-150	34
Display Radios		
TOPA-DR-009	Tait Orca 5010/5011 Display Radio	115
TOPA-DR-013	Tait Orca 5021 Display Radio	150
TOPA-DR-005	Tait Orca Display Charger	34
Programming & Test Accessories		
950-00028-00	TOP 5000 Programming Kit with CD incl. TOPA-SV-003G (TCN-PGMTOP-01G)	127
TOPA-SV-003G	Tait Orca Programming Lead – for E Series order TOPA-SV-003	35
TOPA-SV-024	Tait Orca Portable Calibration Test Unit	139
TOPA-SV-005	Tait Orca Portable DC Service Lead	47
TOPA-SV-006	Tait Orca Portable RF Lead	19
TOPA-SV-007G	Tait Orca Portable Calibration Cable	57
TOPA-SV-009	Open radio power lead	12
TOPA-SV-011	Tait Orca Portable Service Tools	25
TOPA-SV-018	Programming lead: Tait Radio Modem	18
TOPA-SV-019	Programming 9-pin lead: between PC and TOP-SV-003G	40
TOPA-SV-117G	TOP 5000 Service Kit incl. 5010/11/20/21/30/35/40	380
Spares Kits		
TOPA-SP-101	Orca Elan Spares Kit	722
TOPA-SP-103	Orca Excel Spares Kit	997
TOPA-SP-401	Tait Orca 5010/5011/5030 Spares Kit	722
TOPA-SP-403	Tait Orca 5020/5021/5040 Spares Kit	997
TOPA-SP-102	Orca Elan front panel reskinning Kit	46
TOPA-SP-104	Orca Excel front panel reskinning Kit	51
TOPA-SP-106	Orca Excel Front panel Parts Kit	32
TOPA-SP-107	Tait Orca Excel/Eclipse User Interface, PCB and Shield	27
TOPA-SP-407	Tait Orca 5020/5021/5040 User Interface, PCB and Shield	91
TOPA-SP-404	Tait Orca 5010/5011/5030 reskinning Kit	41
TOPA-SP-405	Tait Orca 5035 reskinning kit	56
TOPA-SP-406	Tait Orca 5020 reskinning kit	56
TOPA-SP-408	Tait Orca 5021 reskinning Kit	56
TOPA-SP-202	Tait Orca Fast Charger Spares Kit	338
TOPA-SP-204	Tait Orca Charger Upgrade Kit – complete replacement PCB, no housing	89
TOPA-SP-205	Tait Orca Charger Upgrade Kit incl. software and chip	149
TOPA-SP-501	Volume knobs (Pack of 10)	12
TOPA-SP-502	Channel knobs (Pack of 10)	12
TOPA-SP-503	Accessory port cover (Pack of 10)	9
TOPA-SP-504	Battery clip (Pack of 10)	6
Vehicle Kits		
TOPA-VK-500	TOP Vehicle Kit Heavy Duty microphone	46
TOPA-VK-100	TOP Vehicle Kit fist microphone	30
TOPA-VK-200	TOP Vehicle External Speaker	23
TOPA-VK-300	TOP Vehicle Visor Microphone	23
TOPA-VK-400	TOP Vehicle Remote PTT	42

TP9155 and TP9160 P25 Portable Radios



TP9155

TP9160

Designed with the functionality required for public safety and public service organizations, the TP9155 and TP9160 portables offer state of the art radio design coupled with robust specs and excellent digital audio clarity.

Available in two models with a limited keypad on the TP9155 and a full alphanumeric keypad on the TP9160. Both models meet full P25 compliance and are designed with a similar User Interface to the TM9155 mobile radio, making training, and therefore interoperability, even easier with the full Tait range of P25 digital products.

Features:

- | | |
|---|---|
| <ul style="list-style-type: none"> • 512 Channel/Talkgroup Conventional Radio • 12.5/25/30 kHz programmable channel spacing • Limited Keypad and Full Alpha Keypad models available • Full Project 25 Compliance • Intelligent NiMH battery standard • DTMF Encoder • Built-in CTCSS/DCS • Multiple Scanning & Voting Formats Supported • Digital, Analog and Mixed Mode Capable | <ul style="list-style-type: none"> • Speaker Microphone accessory • Lapel Microphone accessory • Emergency Mode plus many personal safety features • Caller ID • Radio Inhibit • Status Messages • Radio Check • Repeater Talkaround / Direct Mode • Windows-based Programming Application |
|---|---|

TP9155 Limited Keypad P25 Conventional Radio Packages			
Frequency	Product Code	Description	Price
136-174 MHz	TP9155-B1A06	Radio body, NiMH battery, beltclip, user guide, P25 CAI and 136-151MHz helical antenna	2,000
	TP9155-B1A07	Radio body, NiMH battery, beltclip, user guide, P25 CAI and 150-162 MHz helical antenna	
	TP9155-B1A08	Radio body, NiMH battery, beltclip, user guide, P25 CAI and 162-174 MHz helical antenna	
400-470 MHz	TP9155-H5A05	Radio body, NiMH battery, beltclip, user guide, P25 CAI and 400-470 MHz whip antenna	
450-520 MHz	TP9155-H6A05	Radio body, NiMH battery, beltclip, user guide, P25 CAI and 450-520 MHz whip antenna	

TP9160 Full Keypad P25 Conventional Radio Packages			
Frequency	Product Code	Description	Price
136-174 MHz	TP9160-B1A06	Radio body, NiMH battery, beltclip, user guide, P25 CAI and 136-151MHz helical antenna	2,300
	TP9160-B1A07	Radio body, NiMH battery, beltclip, user guide, P25 CAI and 150-162 MHz helical antenna	
	TP9160-B1A08	Radio body, NiMH battery, beltclip, user guide, P25 CAI and 162-174 MHz helical antenna	
400-470 MHz	TP9160-H5A05	Radio body, NiMH battery, beltclip, user guide, P25 CAI and 400-470 MHz whip antenna	
450-520 MHz	TP9160-H6A05	Radio body, NiMH battery, beltclip, user guide, P25 CAI and 450-520 MHz whip antenna	

TP9155 Conventional Radio Bodies		
Product Code	Description	Price
TPAB11-B100A	VHF 136-174 MHz Limited Keypad radio body with P25 CAI	1,830
TPAB11-H500A	UHF 400-470 MHz Limited Keypad radio body with P25 CAI	
TPAB11-H600A	UHF 450-520 MHz Limited Keypad radio body with P25 CAI	

TP9160 Conventional Radio Bodies		
Product Code	Description	Price
TPAB12-B100A	VHF 136-174 MHz Full Keypad radio body with P25 CAI	2,130
TPAB12-H500A	UHF 400-470 MHz Full Keypad radio body with P25 CAI	
TPAB12-H600A	UHF 450-520 MHz Full Keypad radio body with P25 CAI	

TP9155 and TP9160 Software Options		
Product Code	Description	Price
TPAS050	P25 Common Air Interface (included with radio packages)	700
TPAS051	P25 'Dispatch' type Services (when ordered with radio) <ul style="list-style-type: none"> - Radio Check – transmits a Radio Check to another terminal - Radio Monitor – enables discreet listening of another terminal - Status Request – requests the status of another radio - Stun/Revive – can stun or revive another terminal - Acknowledge Group Addresses Services – in the absence of a dispatcher can acknowledge services e.g., emergency alerts, status calls 	600
TPAS053	P25 Encryption Compatibility (fixed Key) (when ordered with radio)	
		400

TP9155 and TP9160 Portable Accessories – Conventional
Batteries and Chargers

Product Code	Description	Price
TPA-BA-201	Battery, NiCd	100
TPA-BA-203	Battery, NiMH	100
TPA-CH-001	Single Desktop Charger (requires power cord)	150
T952-340	IEC Power Cord – USA and Canada	10
TPA-CH-011	Multi (6) Station Charger	650
TPA-CH-012	Multi (6) Station Charger Wall Mount Kit	20

Antennas

Product Code	Description	Price
TPA-AN-002	136-151MHz Helical Antenna	40
TPA-AN-003	150-162M Helical Antenna	
TPA-AN-004	162-174M Helical Antenna	
TPA-AN-011	400-470M Whip Antenna	
TPA-AN-012	450-520M Whip Antenna	
TPA-AN-013	400-450M Helical Antenna	
TPA-AN-014	435-480M Helical Antenna	
TPA-AN-015	470-520M Helical Antenna	

Portable Carry Accessories

Product Code	Description	Price
TPA-CA-201	Beltclip	20
TPA-CA-202	Fixed Leather Case	35
TPA-CA-203	D-Clip Leather Case	45
TPA-CA-204	D-Clip Nylon Case	45

Microphones and Audio Accessories

Product Code	Description	Price
TPA-AA-203	Speaker Mic - "Evolution" standard microphone	138
TPA-AA-204	Speaker Mic - RF "Evolution" includes antenna	150
TPA-AA-205	Speaker Mic - "Genesis" meets IP68 specifications	160
TPA-AA-210	Accessory Adapter – Hirose 6-pin connector interface	25
TPA-AA-211	Headset - Light Duty	95
TPA-AA-212	Headset - Heavy Duty	300
TPA-AA-213	Lapel Mic Kit - 3-wire	120
T952-051	Earphone Kit 2.5mm	53
TPA-AA-201	Accessory Connector Kit	50
TPA-AA-202	Accessory Connector Cable Kit	95

TP9155 and TP9160 Portable Accessories – Conventional
Programming Kits

Product Code	Description	Price
TMAA23-00	Programming Kit - TM9000 & TP9000. Includes programming software, cables and USB adapter	300
TMAA24-00	Service Kit – TM9100 & TP9100. Includes calibration and programming software, cables, interface unit, USB adapter and service documentation	500

User Guides

Product Code	Description	Price
MPA-00001-01	TP9155 & TP9160 User Guide	10

Approved 3rd Party Items

*The following accessories have been tested and approved for use with our products. **Require a TPA-AA-210 adaptor***

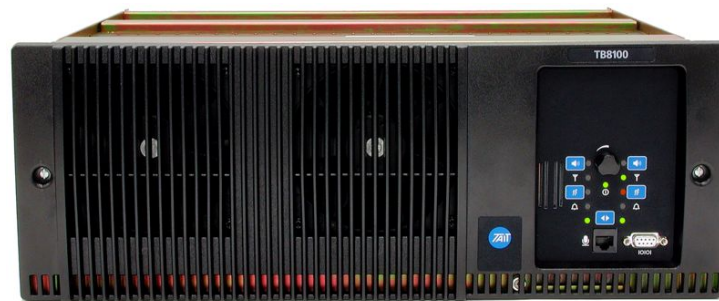
<http://www.ottoeng.com/comm/index.htm>

Single speaker Headset	V4-10190
Hurricane Headset	V4-HC2MD3B
Earphone: Beige	V1-10167
Earphone: Black	V1-10168
2-wire Palm Mic: Beige	V1-10165
2-wire Palm Mic: Black	V1-10166
3-wire Mini-lapel Mic Kit: Black	V1-10164
2-wire Earbud Kit	V1-10777

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TB8100

Repeater/Base Station



The TB8100 base station sets the standard for high-performing analog radio communications technology. This software-flexible product is built on a foundation of intelligence, flexibility for system integration, modularity and robustness.

All TB8100 systems offer continuous duty cycle operation at full performance specifications within the complete temperature and altitude range.

With flexible, modular design, practical features and value that Tait is renowned for, the TB8100 raises the bar for analog base stations/repeaters. It offers 28V technology for superior performance and reliability.

What's more, it's even easier to use. Flexible software with an intuitive user interface makes the TB8100 very integrator friendly and expandable.

Its practical easy-to-use features coupled with impressive RF performance help make the TB8100 the next generation analog base station.

The TB8100 offers you the following benefits:

- 255 Channels with up to 16 CTCSS or 16 DCS tones per channel
- Programmable Power Output in 1W steps, per channel
- External Frequency Reference for QS Simulcast applications
- Full Remote Control and Diagnostics
- Choice of external interface configurations
- Programmable Operation
- Software Enabled Feature upgrade options
- Choice of single 100 Watt or dual 5 or 50 Watt configurations
- Seamless backup battery operation and charging with AC/DC supply
- Computer Controlled Interface via RS232 serial interface

Intelligent • Flexible • High Performance

Digital Controller Design

Designed from the ground up, the TB8100 features a state-of-the-art RISC processor and Digital Signal Processor (DSP), providing very fast, reliable data processing through the latest in digital technology.

28V Technology

More powerful than most base stations in its class. Tait tests the TB8100 to transmit continuously at full power with ambient air temperatures as high as +60°C (140°F) at 4572m (15,000ft).

Advanced Programming Capabilities

The TB8100's intuitive yet comprehensive programming software with Graphical User Interface (GUI) lets you manage and program over 150 critical parameters, including all monitoring, configuration management and power management features.

Convenient Modular Design

Designed for ease of hook-up and adaptation in the field, the TB8100 is configured with front-loading modules that can be mixed and matched to meet your system needs. Whether expanding from 50 to 100 watts, moving from single to dual channel operation, or replacing the PA or system interface board, the TB8100 gives you the flexibility to make changes in the field. A clean back-panel design hides the usual rear unit wiring clutter displaying only the connections required to link to your external radio system.

User Specific Applications

Additional customized programming is made easy with the TB8100 Task Manager - there's no need for intrusive hardware add-ons. The TB8100 can readily accommodate your specific signaling, notification or alert needs. Program the unit to automatically switch to a backup base station if the self-monitor determines a problem, and choose from the wide range of alarm notification options to suit your specific solution needs.

Power Management System

The comprehensive power management system provides the ability to automatically switch between AC and DC power, to move to battery operation in the case of power failure, and to provide auxiliary battery charging and management.

12VDC PA-Only Version

The TB8100 is also available without a Power Management Unit. The PA-only system is based on a 12VDC PA that contains a 12 to 28 volt converter.

Self-Monitor Capability

The TB8100 manages self-monitoring parameters in its non-volatile memory, requiring no external costly monitor units, saving money, time and hassles. The advanced monitoring system will read the base status, determine the appropriate required action, and perform that action while alerting central control.

Complete Remote Accessibility

The advanced intuitive interface of the TB8100 Service Kit Software makes remote management of your system simple. The self-monitoring application has dial-out capability so you are immediately notified of potential issues. Over 150 parameters on the system can be managed remotely with the TB8100 Service Kit Software.

Robust Specifications

Built to exceed standard specifications, the TB8100 is designed to withstand extreme temperature conditions. Engineered for maximum reliability, the TB8100 has large heat sinks, advanced cooling, and the intelligence to maintain the highest possible levels of service in adverse environments.

Peak RF Performance

With outstanding specifications for selectivity, adjacent channel interference and fast key-up times, the TB8100 base station was designed using the best RF practices. You can depend on the RF performance of this base station even in the most extreme temperature conditions.

Computer Controlled Interface (CCI)

The TB8100 includes CCI, a command protocol allowing communication between an intelligent device (e.g. computer equipment) and the base station. The protocol is embedded in the base station firmware and is accessed via the standard RS232 serial interface. CCI supplies an integrated path into the TB8100 Task Manager (a software enabled feature). CCI also provides the ability to change the operational channel via the serial interface and to read any of the extensive monitoring parameters in real time.

TB8100 28V PMU Repeater/Base Station System Prices

The TB8100 Base Station System is shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Power Management Module
- Power Amplifier
- Reciter (Receiver/Exciter) with system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide



System	VHF/UHF/200MHz	800MHz
Single 1-5w	6,205	7,025
Single 5-50w	6,570	7,405
Single 10-100w	7,230	8,240
Dual 1-5w	10,160	11,800
Dual 5-50w	10,890	12,560
Dual 1-5 + 5-50w	10,525	12,180

Notes: Prices are for 12VDC PMU systems only. Additional configuration costs may apply.

Additional Options	
Power Management	Add
AC Power Management Unit (PMU) (price includes US Power Cord)	210
24VDC or 48VDC Power Management Unit	n/c
Dual Power Management Unit (AC+12/24/48VDC) (price includes US Power Cord)	810
Software Feature Enhancements	Add
Power Save (for single reciter systems only)	2,499
Alarm Reporting (per reciter)	699
Advanced Profiles and Task Manager (per reciter)	1,449
Hardware	Add
Microphone	51
Coaxial / Antenna Relay w/Fittings & Mounting Brackets	470

Prices do not include RF equipment such as combiners, splitters, couplers, antennas etc.

TB8100 12VDC PA-Only Base Station System Prices

The TB8100 Base Station System is available without a Power Management Unit (PMU). The PA-only system is based on a 12VDC PA that contains a 12 to 28 volt converter. To reduce complexity, the advanced monitoring and diagnostic features of the PMU are not included.

The 12V PA only system is shipped with the following modules included:

- Subrack Front Panel with fan
- Control Panel
- Power Amplifier
- Reciter (Receiver/Exciter) with system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

System	VHF/UHF/200MHz	800MHz
Single 1-5w	5,095	5,915
Single 5-50w	5,460	6,295
Dual 1-5w	9,050	10,690
Dual 5-50w	9,780	11,450
Dual 1-5 + 5-50w	9,415	11,070

Additional Options	
Software Feature Enhancements	Add
Power Save (For Single Reciter Systems Only)	2,499
Alarm Reporting (Per Reciter)	699
Advanced Profiles and Task Manager (per Reciter)	1,449
Hardware	Add
Microphone	51
Coaxial / Antenna Relay w/Fittings & Mounting Brackets	470

TB8100 Single 5 Watt System



The TB8100 offers you the following benefits:

- 255 Channels, 1-5 Watt power output
- 16 CTCSS or 16 DCS tones per channel
- Programmable Power Output in 1W steps per channel
- External Frequency Reference for QS Simulcast applications
- Full Remote Control and Diagnostics capability
- Programmable Operation
- Optional Power Save, Alarm Reporting and Advanced Profiles/Task Manager software upgrades

The Product Codes below are shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Power Amplifier
- Power Management Module except 12VDC PA Only version
 - For AC or Dual mode, must order power cord Product Code T952-340
- Reciter (Receiver/Exciter) with isolated E&M audio system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

Frequency	12VDC PA Only	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S8H0-M0B2-00C0-A0B0	S8BJ-A0B2-00C0-A0B0	S8B2-A0B2-00C0-A4B0	S8BE-A0B2-00C0-A4B0
148-174 MHz	S8H0-M0B3-00C0-A0B0	S8BJ-A0B3-00C0-A0B0	S8B2-A0B3-00C0-A4B0	S8BE-A0B3-00C0-A4B0
174-193 MHz	S8H0-M0C1-00C0-A0B0	S8BJ-A0C1-00C0-A0B0	S8B2-A0C1-00C0-A4B0	S8BE-A0C1-00C0-A4B0
193-225 MHz	S8H0-M0C2-00C0-A0B0	S8BJ-A0C2-00C0-A0B0	S8B2-A0C2-00C0-A4B0	S8BE-A0C2-00C0-A4B0
400-440 MHz	S8H0-M0H1-00C0-A0B0	S8BJ-A0H1-00C0-A0B0	S8B2-A0H1-00C0-A4B0	S8BE-A0H1-00C0-A4B0
440-480 MHz	S8H0-M0H2-00C0-A0B0	S8BJ-A0H2-00C0-A0B0	S8B2-A0H2-00C0-A4B0	S8BE-A0H2-00C0-A4B0
470-520 MHz	S8H0-M0H3-00C0-A0B0	S8BJ-A0H3-00C0-A0B0	S8B2-A0H3-00C0-A4B0	S8BE-A0H3-00C0-A4B0
Price	5,095	6,205	6,415	7,015
762-869 MHz	S8H0-M0K4-00C0-A0B0	S8BJ-A0K4-00C0-A0B0	S8B2-A0K4-00C0-A4B0	S8BE-A0K4-00C0-A4B0
Price	5,915	7,025	7,235	7,835

Additional configuration costs may apply.

Notes:

- 24VDC and 48VDC options available. Contact your Tait representative for pricing and information.
- Power Supply includes Battery Charger 13.8VDC and power cord.
- Product Codes do not include RF equipment such as coax relays, combiners, splitters, couplers, etc.
- Only the most common configurations are presented. Contact your Tait representative for other configurations or options.

TB8100 Dual 5 Watt System



The TB8100 offers you the following benefits:

- 255 Channels, 1-5 Watt power output
- 16 CTCSS or 16 DCS tones per channel
- Programmable Power Output in 1W steps per channel
- External Frequency Reference for QS Simulcast applications
- Full Remote Control and Diagnostics capability
- Programmable Operation
- Optional Alarm Reporting and Advanced Profiles/Task Manager software upgrades

The Product Codes below are shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Two Power Amplifiers
- Power Management Module including the auxiliary power supply as per indicated option
 - For AC or Dual mode, must order power cord Product Code T952-340
- Two Reciters (Receiver/Exciter) each with isolated E&M audio system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

Frequency	12VDC PA Only	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S8J0-MMB2-B2CC-A0B0	S8CJ-AAB2-B2CC-A0B0	S8C2-AAB2-B2CC-A4B0	S8CE-AAB2-B2CC-A4B0
148-174 MHz	S8J0-MMB3-B3CC-A0B0	S8CJ-AAB3-B3CC-A0B0	S8C2-AAB3-B3CC-A4B0	S8CE-AAB3-B3CC-A4B0
174-193 MHz	S8J0-MMC1-C1CC-A0B0	S8CJ-AAC1-C1CC-A0B0	S8C2-AAC1-C1CC-A4B0	S8CE-AAB3-C1CC-A4B0
193-225 MHz	S8J0-MMC2-C2CC-A0B0	S8CJ-AAC2-C2CC-A0B0	S8C2-AAC2-C2CC-A4B0	S8CE-AAC2-C2CC-A4B0
400-440 MHz	S8J0-MMH1-H1CC-A0B0	S8CJ-AAH1-H1CC-A0B0	S8C2-AAH1-H1CC-A4B0	S8CE-AAH1-H1CC-A4B0
440-480 MHz	S8J0-MMH2-H2CC-A0B0	S8CJ-AAH2-H2CC-A0B0	S8C2-AAH2-H2CC-A4B0	S8CE-AAH2-H2CC-A4B0
470-520 MHz	S8J0-MMH3-H3CC-A0B0	S8CJ-AAH3-H3CC-A0B0	S8C2-AAH3-H3CC-A4B0	S8CE-AAH3-H3CC-A4B0
Price	9,050	10,160	10,370	10,970
762-869 MHz	S8J0-MMK4-K4CC-A0B0	S8CJ-AAK4-K4CC-A0B0	S8C2-AAK4-K4CC-A4B0	S8CE-AAK4-K4CC-A4B0
Price	10,690	11,800	12,010	12,610

Additional configuration costs may apply.

Notes:

- 24VDC and 48VDC options available. Contact your Tait representative for pricing and information.
- Power Supply includes Battery Charger 13.8VDC and power cord.
- These Product Codes do not include RF equipment such as coax relays, combiners, splitters, couplers, etc.
- Only the most common configurations are presented. Contact your Tait representative for other configurations or options.

TB8100 Single 50 Watt System



The TB8100 offers you the following benefits:

- 255 Channels, 5-50 Watt power output
- 16 CTCSS or 16 DCS tones per channel
- Programmable Power Output in 1W steps per channel
- External Frequency Reference for QS Simulcast applications
- Full Remote Control and Diagnostics capability
- Programmable Operation
- Optional Power Save, Alarm Reporting and Advanced Profiles/Task Manager software upgrades

The Product Codes below are shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Power Amplifier
- Power Management Module including the auxiliary power supply as per indicated option
 - For AC or Dual mode, must order power cord Product Code T952-340
- Reciter (Receiver/Exciter) with isolated E&M audio system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

Frequency	12VDC PA Only	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S8H0-N0B2-00C0-A0B0	S8BJ-E0B2-00C0-A0B0	S8B2-E0B2-00C0-A4B0	S8BE-E0B2-00C0-A4B0
148-174 MHz	S8H0-N0B3-00C0-A0B0	S8BJ-E0B3-00C0-A0B0	S8B2-E0B3-00C0-A4B0	S8BE-E0B3-00C0-A4B0
174-193 MHz	S8H0-N0C1-00C0-A0B0	S8BJ-E0C1-00C0-A0B0	S8B2-E0C1-00C0-A4B0	S8BE-E0C1-00C0-A4B0
193-225 MHz	S8H0-N0C2-00C0-A0B0	S8BJ-E0C2-00C0-A0B0	S8B2-E0C2-00C0-A4B0	S8BE-E0C2-00C0-A4B0
400-440 MHz	S8H0-N0H1-00C0-A0B0	S8BJ-E0H1-00C0-A0B0	S8B2-E0H1-00C0-A4B0	S8BE-E0H1-00C0-A4B0
440-480 MHz	S8H0-N0H2-00C0-A0B0	S8BJ-E0H2-00C0-A0B0	S8B2-E0H2-00C0-A4B0	S8BE-E0H2-00C0-A4B0
470-520 MHz	S8H0-N0H3-00C0-A0B0	S8BJ-E0H3-00C0-A0B0	S8B2-E0H3-00C0-A4B0	S8BE-E0H3-00C0-A4B0
Price	5,460	6,570	6,780	7,380
762-869 MHz	S8H0-N0K4-00C0-A0B0	S8BJ-E0K4-00C0-A0B0	S8B2-E0K4-00C0-A4B0	S8BE-E0K4-00C0-A4B0
Price	6,295	7,405	7,615	8,215

Additional configuration costs may apply.

Notes:

- 24VDC and 48VDC options available. Contact your Tait representative for pricing and information.
- Power Supply includes Battery Charger 13.8VDC and power cord.
- Product Codes do not include RF equipment such as coax relays, combiners, splitters, couplers, etc.
- Only the most common configurations are presented. Contact your Tait representative for other configurations or options.

TB8100 Dual System: 50 Watt + 5 Watt


The TB8100 offers you the following benefits:

- 255 Channels, 5-50 Watt power output and 1-5 Watt power output
- 16 CTCSS or 16 DCS tones per channel
- Programmable Power Output in 1W steps per channel
- External Frequency Reference for QS Simulcast applications
- Programmable Operation
- Optional Alarm Reporting and Advanced Profiles/Task Manager software upgrades

The Product Codes below are shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Two Power Amplifiers
- Power Management Module including the auxiliary power supply as per indicated option
 - For AC or Dual mode, must order power cord Product Code T952-340
- Two Reciters (Receiver/Exciter) each with isolated E&M audio system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

Frequency	12VDC PA Only	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S8J0-NMB2-B2CC-A0B0	S8CJ-EAB2-B2CC-A0B0	S8C2-EAB2-B2CC-A4B0	S8CE-EAB2-B2CC-A4B0
148-174 MHz	S8J0-NMB3-B3CC-A0B0	S8CJ-EAB3-B3CC-A0B0	S8C2-EAB3-B3CC-A4B0	S8CE-EAB3-B3CC-A4B0
174-193 MHz	S8J0-NMC1-C1CC-A0B0	S8CJ-EAC1-C1CC-A0B0	S8C2-EAC1-C1CC-A4B0	S8CE-EAC1-C1CC-A4B0
193-225 MHz	S8J0-NMC2-C2CC-A0B0	S8CJ-EAC2-C2CC-A0B0	S8C2-EAC2-C2CC-A4B0	S8CE-EAC2-C2CC-A4B0
400-440 MHz	S8J0-NMH1-H1CC-A0B0	S8CJ-EAH1-H1CC-A0B0	S8C2-EAH1-H1CC-A4B0	S8CE-EAH1-H1CC-A4B0
440-480 MHz	S8J0-NMH2-H2CC-A0B0	S8CJ-EAH2-H2CC-A0B0	S8C2-EAH2-H2CC-A4B0	S8CE-EAH2-H2CC-A4B0
470-520 MHz	S8J0-NMH3-H3CC-A0B0	S8CJ-EAH3-H3CC-A0B0	S8C2-EAH3-H3CC-A4B0	S8CE-EAH3-H3CC-A4B0
Price	9,415	10,525	10,735	11,335
762-869 MHz	S8J0-NMK4-K4CC-A0B0	S8CJ-EAK4-K4CC-A0B0	S8C2-EAK4-K4CC-A4B0	S8CE-EAK4-K4CC-A4B0
Price	11,070	12,180	12,390	12,990

Additional configuration costs may apply.

Notes:

- 24VDC and 48VDC options available. Contact your Tait representative for pricing and information.
- Power Supply includes Battery Charger 13.8VDC and power cord.
- These Product Codes do not include RF equipment such as coax relays, combiners, splitters, couplers, etc.
- Only the most common configurations are presented. Contact your Tait representative for other configurations or options.

TB8100 Dual 50 Watt System



The TB8100 offers you the following benefits:

- 255 Channels, 5-50 Watt power output
- 16 CTCSS or 16 DCS tones per channel
- Programmable Power Output in 1W steps per channel
- External Frequency Reference for QS Simulcast applications
- Programmable Operation
- Optional Alarm Reporting and Advanced Profiles/Task Manager software upgrades

The Product Codes below are shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Two Power Amplifiers
- Power Management Module including the auxiliary power supply as per indicated option
 - For AC or Dual mode, must order power cord Product Code T952-340
- Two Reciters (Receiver/Exciter) each with isolated E&M audio system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

Frequency	12VDC PA Only	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S8J0-NNB2-B2CC-A0B0	S8CJ-EEB2-B2CC-A0B0	S8C2-EEB2-B2CC-A4B0	S8CE-EEB2-B2CC-A4B0
148-174 MHz	S8J0-NNB3-B3CC-A0B0	S8CJ-EEB3-B3CC-A0B0	S8C2-EEB3-B3CC-A4B0	S8CE-EEB3-B3CC-A4B0
174-193 MHz	S8J0-NNC1-C1CC-A0B0	S8CJ-EEC1-C1CC-A0B0	S8C2-EEC1-C1CC-A4B0	S8CE-EEC1-C1CC-A4B0
193-225 MHz	S8J0-NNC2-C2CC-A0B0	S8CJ-EEC2-C2CC-A0B0	S8C2-EEC2-C2CC-A4B0	S8CE-EEC2-C2CC-A4B0
400-440 MHz	S8J0-NNH1-H1CC-A0B0	S8CJ-EEH1-H1CC-A0B0	S8C2-EEH1-H1CC-A4B0	S8CE-EEH1-H1CC-A4B0
440-480 MHz	S8J0-NNH2-H2CC-A0B0	S8CJ-EEH2-H2CC-A0B0	S8C2-EEH2-H2CC-A4B0	S8CE-EEH2-H2CC-A4B0
470-520 MHz	S8J0-NNH3-H3CC-A0B0	S8CJ-EEH3-H3CC-A0B0	S8C2-EEH3-H3CC-A4B0	S8CE-EEH3-H3CC-A4B0
Price	9,780	10,890	11,100	11,770
762-869 MHz	S8J0-NNK4-K4CC-A0B0	S8CJ-EEK4-K4CC-A0B0	S8C2-EEK4-K4CC-A4B0	S8CE-EEK4-K4CC-A4B0
Price	11,450	12,560	12,770	13,370

Additional configuration costs may apply.

Notes:

- 24VDC and 48VDC options available. Contact your Tait representative for pricing and information.
- Power Supply includes Battery Charger 13.8VDC and power cord.
- These Product Codes do not include RF equipment such as coax relays, combiners, splitters, couplers, etc.
- Only the most common configurations are presented. Contact your Tait representative for other configurations or options.

TB8100 Single 100 Watt System



The TB8100 offers you the following benefits:

- 255 Channels, 10-100 Watt power output
- 16 CTCSS or 16 DCS tones per channel
- Programmable Power Output in 1W steps per channel
- External Frequency Reference for QS Simulcast applications
- Full Remote Control and Diagnostics capability
- Programmable Operation
- Optional Power Save, Alarm Reporting and Advanced Profiles/Task Manager software upgrades

The Product Codes below are shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Power Amplifier
- Power Management Module including the auxiliary power supply as per indicated option
 - For AC or Dual mode, must order power cord Product Code T952-340
- Reciter (Receiver/Exciter) with isolated E&M audio system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

Frequency	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S8BJ-J0B2-00C0-A0B0	S8B2-J0B2-00C0-A4B0	S8BE-J0B2-00C0-A4B0
148-174 MHz	S8BJ-J0B3-00C0-A0B0	S8B2-J0B3-00C0-A4B0	S8BE-J0B3-00C0-A4B0
174-193 MHz	S8BJ-J0C1-00C0-A0B0	S8B2-J0C1-00C0-A4B0	S8BE-J0C1-00C0-A4B0
193-225 MHz	S8BJ-J0C2-00C0-A0B0	S8B2-J0C2-00C0-A4B0	S8BE-J0C2-00C0-A4B0
400-440 MHz	S8BJ-J0H1-00C0-A0B0	S8B2-J0H1-00C0-A4B0	S8BE-J0H1-00C0-A4B0
440-480 MHz	S8BJ-J0H2-00C0-A0B0	S8B2-J0H2-00C0-A4B0	S8BE-J0H2-00C0-A4B0
470-520 MHz	S8BJ-J0H3-00C0-A0B0	S8B2-J0H3-00C0-A4B0	S8BE-J0H3-00C0-A4B0
Price	7,230	7,440	8,040
762-869 MHz	S8BJ-J0K4-00C0-A0B0	S8B2-J0K4-00C0-A4B0	S8BE-J0K4-00C0-A4B0
Price	8,240	8,450	9,050

Additional configuration costs may apply.

Notes:

- 24VDC and 48VDC options available. Contact your Tait representative for pricing and information.
- Power Supply includes Battery Charger 13.8VDC and power cord.
- Product Codes do not include RF equipment such as coax relays, combiners, splitters, couplers, etc.
- Only the most common configurations are presented. Contact your Tait representative for other configurations or options.

TB8100 TaitNet MPT1327 Compatible Single 5 Watt System



The TB8100 offers you the following benefits:

- 255 Channels, 1-5 Watt power output
- Programmable Power Output in 1W steps per channel
- Full Remote Control and Diagnostics capability
- Programmable Operation
- Optional Power Save, Alarm Reporting and Advanced Profiles/Task Manager software upgrades

The Product Codes below are shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Power Amplifier
- Power Management Module including the auxiliary power supply as per indicated option
 - For AC or Dual mode, must order power cord Product Code T952-340
- Reciter (Receiver/Exciter) with isolated E&M audio system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

Frequency	12VDC PA Only	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S8H0-M0B2-00T0-A0B0	S8BJ-A0B2-00T0-A0B0	S8B2-A0B2-00T0-A4B0	S8BE-A0B2-00T0-A4B0
148-174 MHz	S8H0-M0B3-00T0-A0B0	S8BJ-A0B3-00T0-A0B0	S8B2-A0B3-00T0-A4B0	S8BE-A0B3-00T0-A4B0
174-193 MHz	S8H0-M0C1-00T0-A0B0	S8BJ-A0C1-00T0-A0B0	S8B2-A0C1-00T0-A4B0	S8BE-A0C1-00T0-A4B0
193-225 MHz	S8H0-M0C2-00T0-A0B0	S8BJ-A0C2-00T0-A0B0	S8B2-A0C2-00T0-A4B0	S8BE-A0C2-00T0-A4B0
400-440 MHz	S8H0-M0H1-00T0-A0B0	S8BJ-A0H1-00T0-A0B0	S8B2-A0H1-00T0-A4B0	S8BE-A0H1-00T0-A4B0
440-480 MHz	S8H0-M0H2-00T0-A0B0	S8BJ-A0H2-00T0-A0B0	S8B2-A0H2-00T0-A4B0	S8BE-A0H2-00T0-A4B0
470-520 MHz	S8H0-M0H3-00T0-A0B0	S8BJ-A0H3-00T0-A0B0	S8B2-A0H3-00T0-A4B0	S8BE-A0H3-00T0-A4B0
Price	5,095	6,205	6,415	7,015
762-869 MHz	S8H0-M0K4-00T0-A0B0	S8BJ-A0K4-00T0-A0B0	S8B2-A0K4-00T0-A4B0	S8BE-A0K4-00T0-A4B0
Price	5,915	7,025	7,235	7,835

Additional configuration costs may apply.

Notes:

- 24VDC and 48VDC options available. Contact your Tait representative for pricing and information.
- Power Supply includes Battery Charger 13.8VDC and power cord.
- Product Codes do not include RF equipment such as coax relays, combiners, splitters, couplers, etc.
- Only the most common configurations are presented. Contact your Tait representative for other configurations or options.

TB8100 TaitNet MPT1327 Compatible Single 50 Watt System



The TB8100 offers you the following benefits:

- 255 Channels, 5-50 Watt power output
- Programmable Power Output in 1W steps per channel
- Full Remote Control and Diagnostics capability
- Programmable Operation
- Optional Power Save, Alarm Reporting and Advanced Profiles/Task Manager software upgrades

The Product Codes below are shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Power Amplifier
- Power Management Module including the auxiliary power supply as per indicated option
 - For AC or Dual mode, must order power cord Product Code T952-340
- Reciter (Receiver/Exciter) with isolated E&M audio system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

Frequency	12VDC PA Only	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S8H0-N0B2-00T0-A0B0	S8BJ-E0B2-00T0-A0B0	S8B2-E0B2-00T0-A4B0	S8BE-E0B2-00T0-A4B0
148-174 MHz	S8H0-N0B3-00T0-A0B0	S8BJ-E0B3-00T0-A0B0	S8B2-E0B3-00T0-A4B0	S8BE-E0B3-00T0-A4B0
174-193 MHz	S8H0-N0C1-00T0-A0B0	S8BJ-E0C1-00T0-A0B0	S8B2-E0C1-00T0-A4B0	S8BE-E0C1-00T0-A4B0
193-225 MHz	S8H0-N0C2-00T0-A0B0	S8BJ-E0C2-00T0-A0B0	S8B2-E0C2-00T0-A4B0	S8BE-E0C2-00T0-A4B0
400-440 MHz	S8H0-N0H1-00T0-A0B0	S8BJ-E0H1-00T0-A0B0	S8B2-E0H1-00T0-A4B0	S8BE-E0H1-00T0-A4B0
440-480 MHz	S8H0-N0H2-00T0-A0B0	S8BJ-E0H2-00T0-A0B0	S8B2-E0H2-00T0-A4B0	S8BE-E0H2-00T0-A4B0
470-520 MHz	S8H0-N0H3-00T0-A0B0	S8BJ-E0H3-00T0-A0B0	S8B2-E0H3-00T0-A4B0	S8BE-E0H3-00T0-A4B0
Price	5,460	6,570	6,780	7,380
762-869 MHz	S8H0-N0K4-00T0-A0B0	S8BJ-E0K4-00T0-A0B0	S8B2-E0K4-00T0-A4B0	S8BE-E0K4-00T0-A4B0
Price	6,295	7,405	7,615	8,215

Additional configuration costs may apply.

Notes:

- 24VDC and 48VDC options available. Contact your Tait representative for pricing and information.
- Power Supply includes Battery Charger 13.8VDC and power cord.
- Product Codes do not include RF equipment such as coax relays, combiners, splitters, couplers, etc.
- Only the most common configurations are presented. Contact your Tait representative for other configurations or options.

TB8100 TaitNet MPT1327 Compatible 50 Watt Dual System



The TB8100 offers you the following benefits:

- 255 Channels, 5-50 Watt power output
- 16 CTCSS or 16 DCS tones per channel
- Programmable Power Output in 1W steps per channel
- External Frequency Reference for QS Simulcast applications
- Programmable Operation
- Optional Alarm Reporting and Advanced Profiles/Task Manager software upgrades

The Product Codes below are shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Two Power Amplifiers
- Power Management Module including the auxiliary power supply as per indicated option
 - For AC or Dual mode, must order power cord Product Code T952-340
- Two Reciters (Receiver/Exciter) each with isolated E&M audio system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

Frequency	12VDC PA Only	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S8J0-NNB2-B2TT-A0B0	S8CJ-EEB2-B2TT-A0B0	S8C2-EEB2-B2TT-A4B0	S8CE-EEB2-B2TT-A4B0
148-174 MHz	S8J0-NNB3-B3TT-A0B0	S8CJ-EEB3-B3TT-A0B0	S8C2-EEB3-B3TT-A4B0	S8CE-EEB3-B3TT-A4B0
174-193 MHz	S8J0-NNC1-C1TT-A0B0	S8CJ-EEC1-C1TT-A0B0	S8C2-EEC1-C1TT-A4B0	S8CE-EEC1-C1TT-A4B0
193-225 MHz	S8J0-NNC2-C2TT-A0B0	S8CJ-EEC2-C2TT-A0B0	S8C2-EEC2-C2TT-A4B0	S8CE-EEC2-C2TT-A4B0
400-440 MHz	S8J0-NNH1-H1TT-A0B0	S8CJ-EEH1-H1TT-A0B0	S8C2-EEH1-H1TT-A4B0	S8CE-EEH1-H1TT-A4B0
440-480 MHz	S8J0-NNH2-H2TT-A0B0	S8CJ-EEH2-H2TT-A0B0	S8C2-EEH2-H2TT-A4B0	S8CE-EEH2-H2TT-A4B0
470-520 MHz	S8J0-NNH3-H3TT-A0B0	S8CJ-EEH3-H3TT-A0B0	S8C2-EEH3-H3TT-A4B0	S8CE-EEH3-H3TT-A4B0
Price	9,780	10,890	11,100	11,770
762-869 MHz	S8J0-NNK4-K4TT-A0B0	S8CJ-EEK4-K4TT-A0B0	S8C2-EEK4-K4TT-A4B0	S8CE-EEK4-K4TT-A4B0
Price	11,450	12,560	12,770	13,370

Additional configuration costs may apply.

Notes:

- 24VDC and 48VDC options available. Contact your Tait representative for pricing and information.
- Power Supply includes Battery Charger 13.8VDC and power cord.
- Product Codes do not include RF equipment such as coax relays, combiners, splitters, couplers, etc.
- Only the most common configurations are presented. Contact your Tait representative for other configurations or options.

TB8100 TaitNet Compatible MPT1327 Single 100 Watt System



The TB8100 offers you the following benefits:

- 255 Channels, 10-100 Watt power output
- 16 CTCSS or 16 DCS tones per channel
- Programmable Power Output in 1W steps per channel
- External Frequency Reference for QS Simulcast applications
- Full Remote Control and Diagnostics capability
- Programmable Operation
- Optional Power Save, Alarm Reporting and Advanced Profiles/Task Manager software upgrades

The Product Codes below are shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Power Amplifier
- Power Management Module including the auxiliary power supply as per indicated option
 - For AC or Dual mode, must order power cord Product Code T952-340
- Reciter (Receiver/Exciter) with isolated E&M audio system interface
- Service Kit (programming S/W, cable, CD)
- Installation Guide

Frequency	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S8BJ-J0B2-00T0-A0B0	S8B2-J0B2-00T0-A4B0	S8BE-J0B2-00T0-A4B0
148-174 MHz	S8BJ-J0B3-00T0-A0B0	S8B2-J0B3-00T0-A4B0	S8BE-J0B3-00T0-A4B0
174-193 MHz	S8BJ-J0C1-00T0-A0B0	S8B2-J0C1-00T0-A4B0	S8BE-J0C1-00T0-A4B0
193-225 MHz	S8BJ-J0C2-00T0-A0B0	S8B2-J0C2-00T0-A4B0	S8BE-J0C2-00T0-A4B0
400-440 MHz	S8BJ-J0H1-00T0-A0B0	S8B2-J0H1-00T0-A4B0	S8BE-J0H1-00T0-A4B0
440-480 MHz	S8BJ-J0H2-00T0-A0B0	S8B2-J0H2-00T0-A4B0	S8BE-J0H2-00T0-A4B0
470-520 MHz	S8BJ-J0H3-00T0-A0B0	S8B2-J0H3-00T0-A4B0	S8BE-J0H3-00T0-A4B0
Price	7,230	7,440	8,040
762-869 MHz	S8BJ-J0K4-00T0-A0B0	S8B2-J0K4-00T0-A4B0	S8BE-J0K4-00T0-A4B0
Price	8,240	8,450	9,050

Additional configuration costs may apply.

Notes:

- 24VDC and 48VDC options available. Contact your Tait representative for pricing and information.
- Power Supply includes Battery Charger 13.8VDC and power cord.
- Product Codes do not include RF equipment such as coax relays, combiners, splitters, couplers, etc.
- Only the most common configurations are presented. Contact your Tait representative for other configurations or options.

28V Power Amplifiers

Used with PMU TB8100 systems

1-5 Watt Power Amplifier

- Broadband
- Built-in Alarm monitoring, and diagnostics
- Remotely configurable and programmable
- 100% duty cycle @ 60°C (140°F)
- 1 millisecond keyup time
- Programmable output power from 1 to 5W in 1W steps
- Up to two 5W or 50W power amplifiers can be fitted into a TB8100 subrack



5-50 Watt Power Amplifier

- Broadband
- Built-in Alarm monitoring, and diagnostics
- Remotely configurable and programmable
- 100% duty cycle @ 60°C (140°F)
- Programmable output power from 5 to 50W in 1W steps
- Up to two 5W or 50W power amplifiers can be fitted into a TB8100 subrack



10-100 Watt Power Amplifier

- Broadband
- Built-in Alarm monitoring, and diagnostics
- Remotely configurable and programmable
- 100% duty cycle @ 60°C (140°F)
- 1 millisecond keyup time
- Programmable output power from 10 to 100W in 1W steps
- A limit of one 100W power amplifier can be fitted into a TB8100 subrack



Product Code	Description	Price
TBA70B1-0000	136-174MHz, 1-5 watt PA	1,015
TBA70C0-0000	174-225MHz, 1-5 watt PA	
TBA70H0-0000	400-520MHz, 1-5 watt PA	
TBA70K2-0000	760-870MHz, 1-5 watt PA	1,375
TBA80B1-0000	136-174MHz, 5-50 watt PA	1,380
TBA80C0-0000	174-225MHz, 5-50 watt PA	
TBA80H0-0000	400-520MHz, 5-50 watt PA	
TBA80K2-0000	760-870MHz, 5-50 watt PA	1,755
TBA90B1-0000	136-174MHz, 10-100 watt PA	2,040
TBA90C0-0000	174-225MHz, 10-100 watt PA	
TBA90H0-0000	400-520MHz, 10-100 watt PA	
TBA90K2-0000	760-870MHz, 10-100 watt PA	2,590

12VDC Power Amplifiers

Used with the 12VDC PA-only TB8100 system

1-5W Power Amplifier

- Broadband
- Remotely configurable and programmable
- 100% duty cycle @ 60°C (140°F)
- 2.5 millisecond keyup time
- Programmable output power from 1 to 5W in 1W steps
- Up to two 5W or 50W power amplifiers can be fitted into a TB8100 subrack

5-50W Power Amplifier

- Broadband
- Remotely configurable and programmable
- 100% duty cycle @ 60°C (140°F)
- 2 millisecond keyup time
- Programmable output power from 5 to 50W in 1W steps
- Up to two 5W or 50W power amplifiers can be fitted into a TB8100 subrack

Product Code	Description	Price
TBA71B1-0000	136-174MHz, 1-5 watt 12VDC PA	1,015
TBA71C0-0000	175-225MHz, 1-5 watt 12VDC PA	
TBA71H0-0000	400-520MHz, 1-5 watt 12VDC PA	
TBA71K2-0000	760-870MHz, 1-5 watt 12VDC PA	1,375
TBA81B1-0000	136-174MHz, 5-50 watt 12VDC PA	1,380
TBA81C0-0000	175-225MHz, 5-50 watt 12VDC PA	
TBA81H0-0000	400-520MHz, 5-50 watt 12VDC PA	
TBA81K2-0000	760-870MHz, 5-50 watt 12VDC PA	1,755

Power Management Units (PMU)



Single AC Power Management Unit

Mains operated power supply. 88 to 264V input with power factor correction. Sufficient output power is provided to drive 1 x 100W transmitter or 2 x 50W transmitters. The unit has built in alarms and diagnostics and is remotely controllable and programmable.

Single DC Power Management Unit

A very high efficiency supply designed to run from a nominal 12, 24 or 48 VDC supply. This unit has the same output capability as the AC Power Supply. The input supply can be negatively or positively earthed. The unit has built in alarms and diagnostics and is remotely controllable and programmable. All DC Power Supplies include Standby and Auxiliary Power Supplies.

Dual (AC + DC) Power Management Unit

A dual power supply combining both of the above supplies. Switching from AC to DC is seamless and automatic. This option is required if the TB8100 is mains operated but is required to be powered by a backup DC supply. The DC input supply can be negatively or positively earthed. The unit has built in alarms and diagnostics and is remotely controllable and programmable. All Dual Power Supplies include Standby and Auxiliary Power Supplies.

Standard Features

Standby Power Supply (10W)

The standby supply is particularly useful for low current consumption operation, used in conjunction with the software-licensed power save feature TBAS030. The standby supply is used to run the Reciter alone so that the main 500 W DC supply can be switched off altogether for extended quiet periods. This unit can only be fitted to DC Supply or the Dual Supply. The low power option can only be enabled for single channel operation.

Auxiliary Power Supply / Battery Float Charger (40W output)

The TB8100 base station itself does not use the output of the Auxiliary Power Supply. The output is floating so it may be negatively or positively earthed. It can be configured to be on all of the time (to supply external equipment) or to be on only while mains is available (e.g. as a float charger for the battery). This module is therefore highly recommended for the Dual Supply and is required when the base station is to be used with TaitNet MPT1327 controllers.

DC Power Management Units

Product Code	Input Options				Output Supply Options			
	AC 88-264V	10-16V DC	20-33V DC	40-60V DC	12V Aux 40W	24V Aux 40W	48V Aux 40W	Standby 10W
TBA3001-1100		•			•			•
TBA3001-1200		•				•		•
TBA3001-1400		•					•	•
TBA3002-2100			•		•			•
TBA3002-2200			•			•		•
TBA3002-2400			•				•	•
TBA3004-4100				•	•			•
TBA3004-4200				•		•		•
TBA3004-4400				•			•	•
Price 1,000								

AC Power Management Units

Product Code	Input Options				Output Supply Options			
	AC 88-264V	10-16V DC	20-33V DC	40-60V DC	12V Aux 40W	24V Aux 40W	48V Aux 40W	Standby 10W
TBA30A0-0100	•				•			
TBA30A0-0200	•					•		
TBA30A0-0400	•						•	
Price 1,200								

AC/DC Power Management Units

Product Code	Input Options				Output Supply Options			
	AC 88-264V	10-16V DC	20-33V DC	40-60V DC	12V Aux 40W	24V Aux 40W	48V Aux 40W	Standby 10W
TBA30A1-1100	•	•			•			•
TBA30A1-1200	•	•				•		•
TBA30A1-1400	•	•					•	•
TBA30A2-2100	•		•		•			•
TBA30A2-2200	•		•			•		•
TBA30A2-2400	•		•				•	•
TBA30A4-4100	•			•	•			•
TBA30A4-4200	•			•		•		•
TBA30A4-4400	•			•			•	•
Price 1,800								

Reciters (Receiver/Exciter)



A Reciter includes a Receiver, Exciter, DSP, RF, and audio stages to give stable performance for the life of the product. A RISC processor controls the Task Manager, alarms system, fault monitoring, diagnostics, remote connectivity, and channel behavior.

The unit has provision for an internally fitted system interface module (SIF), allowing reconfiguring of the I/O system to suit the user's requirements. There are four SIFs available.

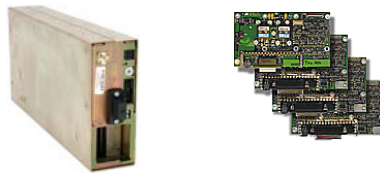
The unit is shipped with the default radio software license already installed. Other software licenses may be installed including:

- **Alarm Reporting Software**
- **Advanced Profiles and Task Manager Software**
- **Power Saving Modes**

The basic configuration includes one Reciter. An additional unit is required for any dual channel systems.

Product Code	Description	VHF/UHF/200MHz	800MHz
TBA40 XX-YYYY	Reciter with SIF included	2,940	3,400
TBA50 XX-YYYY	Receive-Only Reciter w/SIF	2,040	2,500
Where XX is: B2=136-156MHz B3=148-174MHz C1=174-193MHz C2=193-225MHz H1=400-440MHz H2=440-480MHz H3=470-520MHz K4=762-870MHz	Where YYYY is the Reciter with the following SIF: 0B00 = Isolated Audio 0C00 = Isolated Audio E/M 0T10 = TaitNet, MPT Trunked 0L00 = TaitNet, MPT + RS232		

System Interface Cards



Every Reciter has a System Interface (SIF) card in it. The SIF is responsible for all the non-RF inputs and outputs to and from the Reciter. The SIF type is selectable to meet specific application requirements.

Isolated Audio – TBA10B0

D25 connector with:

- Fully isolated balanced input and output audio lines
- Non isolated unbalanced input and output audio lines
- 6 digital inputs
- 2 digital outputs
- 4 digital input/outputs
- 1 coax relay drive output
- Tx Key & Rx Gate



Isolated Audio E&M – TBA10C0

D25 connector with:

- Interface module with balanced and unbalanced input and output audio lines
- 2 digital inputs
- 2 digital outputs
- 4 digital input/outputs
- 1 coax relay drive output
- Tx Key & Rx Gate
- Optically isolated E & M (Tx Key and Rx Gate)



TaitNet, RS232 – TBA10L0

D15 connector to interface directly with TaitNet system, with:

- Balanced and unbalanced input and output audio lines
- 3 digital inputs
- 1 digital output
- Tx Key & Rx Gate
- D9 RS232 connector



TaitNet, MPT Trunked – TBA10T1

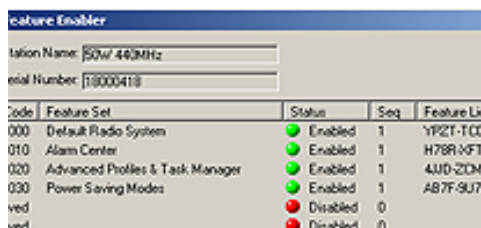
D15 connector to interface directly with TaitNet system, with:

- Balanced and unbalanced input and output audio lines
- 3 digital inputs
- 1 digital output
- Tx Key & Rx Gate



Product Code	Description	Additional Information	Price
TBA10B0	Isolated Audio SIF	25 way D-range	350
TBA10C0	Isolated Audio E&M SIF	25 way D-range w/E&M	
TBA10L0	TaitNet RS232 SIF	15 way D-range + 9 way D-range RS232	
TBA10T1	TaitNet MPT Trunked SIF	15 way D-range for TaitNet systems	

Software Enabled Features



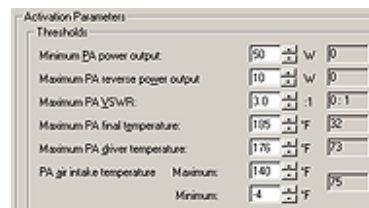
Code	Feature Set	Status	Seq	Feature Lic
000	Default Radio System	Enabled	1	YP2T-TCD
010	Alarm Center	Enabled	1	H78R-VFT
020	Advanced Profiles & Task Manager	Enabled	1	4UD-ZDM4
030	Power Saving Modes	Enabled	1	AB7F-SU77
ved		Disabled	0	
ved		Disabled	0	

The TB8100 Software Feature Enabler (SFE) is a software licensing system that is used to enable advanced features of the base station.

Licenses are applied on a per-feature and per-reciter basis.

Alarm Reporting Software

An Alarm Reporting license enables alarm centre connectivity. Using the Alarm Centre, you can monitor an entire network from a central location. This means that you don't need to manually connect to each base station to check it. At the first sign of trouble, a base station dial up an Alarm Centre and provides it with a list of recent alarms and other status information. If configured, the Alarm Centre can also forward the base station current status to an email server.



Activation Parameters

Thresholds

Minimum PA power output: 50 W 0

Maximum PA reverse power output: 10 W 0

Maximum PA VSWR: 3.0 :1 0:1

Maximum PA final temperature: 105 °F 32

Maximum PA driver temperature: 175 °F 73

PA air intake temperature Maximum: 140 °F 75

Minimum: 4 °F

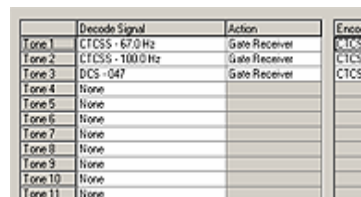
The key features are:

- Task Manager initiation of Status and Alarm calls
- Alarm Centre package (standalone PC application)
- Alarm collection
- Email forwarding
- External alarm inputs to base station

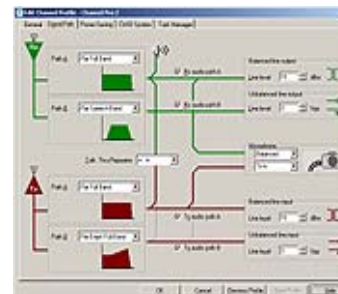
Advanced Profiles and Task Manager Software

Advanced Profiles and Task Manager is an upgrade that enables the full flexibility of the TB8100 base station. Many of the most advanced features of the TB8100 base station are enabled by this upgrade, such as:

- A complete 16-tone panel for community repeater applications and for advanced remote control using subaudible signaling.
- Full configurability of the audio path. Different parts of the path can use different frequency responses.
- Channel configuration using custom channel and signaling profiles. This increases the number of configuration options.



Decode Signal	Action	Encode
Tone 1 CTCSS - 67.0 Hz	Gate Receiver	CTCSS
Tone 2 CTCSS - 100.0 Hz	Gate Receiver	CTCSS
Tone 3 DCS - 047	Gate Receiver	CTCSS
Tone 4 None		
Tone 5 None		
Tone 6 None		
Tone 7 None		
Tone 8 None		
Tone 9 None		
Tone 10 None		
Tone 11 None		



Task Manager can have up to 200 enabled tasks, giving far greater scope for system control and alarm management (without the SFE, the TB8100 can have up to 40 tasks).

Power Saving Modes

Power Save Mode is an upgrade that uses an advanced software control system to dramatically reduce the power consumption of the entire TB8100 base station. Designed for battery and solar power sites, the Power Save Modes SFE gives the best trade-off between power consumption and quality of service

A Power Saving SFE license enables the TB8100's power saving capabilities. You can configure a power saving level for three different modes (Normal, Sleep and Deep Sleep), and determine how the base station makes the transitions into these sleep modes. Configurable features are transmitter key-up time, receiver cycling time and idle time.

Product Code	Description	Price
TBAS010	Alarm Reporting Remote Control & Diagnostics Dial-up reporting and e-mail	699
TBAS020	Advanced Profiles and Task Manager Default profiles, 16 CTCSS or DCS tones, Dual audio paths Full task manager (200 tasks)	1,449
TBAS030	Power Saving Mode Programmable low current drain features. Requires DC Power Management Unit and standby supply	2,499

Subracks



Subracks include Auxiliary Power Cables and Control Panels. (12VDC PA-Only system subrack includes control panel only.)

To house the modules, you must select one of the following subracks:

Description	5/50W	100W	Price
Single Reciter Systems	TBA2325-A000	TBA2327-A000	1,250
Dual Reciter Systems	TBA2326-A000	N/A	
Power Save Systems	TBA2328-A000	TBA2329-A000	
12VDC PA-Only Single Reciter Systems	TBA232A-A000	N/A	1,140
12VDC PA-Only Dual Reciter Systems	TBA232B-A000	N/A	

NOTE: Power Save is only available in Single Reciter Systems.

Tone Remote Modules

Product Code	Description	Price
TBA0M01	Single Tone Remote Module	800
TBA0M02	Dual Tone Remote Module	1,600

Changeover Module

The TA2444-01 TB8100 Change-over module provides automated failure protection for the Tait TB8100 series of base station equipment. The TA2444-01 provides the physical changeover mechanics, interfaces to external alarm components and termination points for remote audio connections.

TA2444-02 Installation Kit contains all the parts for the fitting and interconnecting of the coaxial relay, monitor module and power splitter. The kit includes the coaxial relay, but not the frequency dependent items such as the power splitter.

Product Code	Description	US List Price
TA2444-01	TB8100 Changeover Module	595
TA2444-02	Installation Kit	565

Microphones

Required for test transmissions. Plugs into the User Interface. The microphone can be configured to transmit over the air or as line audio.



Product Code	Description	Price
TMAA02-01	Microphone	51
TMAA10-01	Desktop Microphone	165

Coaxial Relay Assembly

Product Code	Description	Price
TBA60B1	Relay, Coax Assembly, Fittings, S-Mounting Bracket for Standard TB8100 Configurations	470
TBA60B2	Relay, Coax Assembly, Fittings, S-Mounting Bracket for TB8100 with Tone Remote	470

Power Cordset

Product Code	Description	Price
T952-340	IEC Cord set (USA/Canada)	10

Asynchronous Port Switch

Asynchronous Port Switches allow a single phone line to support up to 31 TB8100 base stations (one port is required for connection to local control). This enables Service Kit access, remote access, monitoring and diagnostics, and automatic dial out to an Alarm Centre from any one of the connected base stations.

Product Code	Description	Price
TBA60A2	8 Port Asynchronous Port Switch	1,550
TBA60A3	16 Port Asynchronous Port Switch	2,800
TBA60A4	32 Port Asynchronous Port Switch	5,550

Power Management Unit Options Boards

Spare Cards	Output				
Product Code	12V Auxiliary	24V Auxiliary	48V Auxiliary	Standby	Price
TBA30X0-0100	•				170
TBA30X0-0200		•			
TBA30X0-0400			•		
TBA30X0-1000				• for 12VDC input	
TBA30X0-2000				• for 24VDC input	
TBA30X0-4000				• for 48VDC input	

Subrack Ancillaries

Product Code	Description	Price
TBA2010	Control Panel - Power Save	255
TBA2020	Control Panel – Standard	
TBA2040	Control Panel – Dual	
TBA2241	Single Channel Auxiliary power cable	110
TBA2242	Dual Channel Auxiliary power cable	
TBA2243*	Single Channel Auxiliary power cable 2way	
TBA2244*	Dual Channel Aux power cable 2way	

NOTE: * required for TaitNet RS232 systems

Programming Accessories

Product Code	Description	Additional Information	Price
TBA0P00	Std. Service Kit, Cable & CD	All available languages provided	95
TBA0P10	Programming Cable only	9 pin RS232 to 9 pin RS232	20

Service Accessories

Calibration Test Unit

The TB8100 Calibration Test Unit is required when using the Service Kit to access the reciter when it is not in the subrack.

It is required for system re-tuning and extremely useful for system test and run-up, especially when commissioning new configurations, and running radio diagnostics.



Tool Kit

Includes:

- Control Panel Board Remover
- Torx-Driver T8
- Torx-Driver T10
- Torx-Driver T20
- Screwdriver PZD-2
- Screwdriver Medium Flat Blade
- Tuning Tool Cer 2.2mm
- Tuning Tool 5CCE
- Socket Head M3 nuts
- Tool bag



Product Code	Description	Price
TBA0ST1	Calibration Test Unit	585
TBA0ST2	Tool Kit	160

TB7100

Base Station/Repeaters



Affordable • Compact • High Speed Data

The renowned performance of Tait radio infrastructure is now even more affordable through the new TB7100 base station/repeater.

A proven RF platform is at the core of the cost-effective TB7100, which offers continuous duty operation at 25W, 40W (UHF) and 50W (VHF) power output. With two fans for effective cooling it can operate at ambient temperatures of up to 140°F (60°C).

The TB7100 is also an ideal high-speed data platform, with data rates of up to 19.2kbps as standard.

The TB7100 is designed for use with an external DC power supply and comes in a 19-inch 1U rack bin, which is also capable of being wall mounted.

Fitted with an optional internal duplexer, the TB7100 is capable of full duplex operation for either a voice or data channel.

TB7100 40/50W Base Station System Prices


Includes:

- 100 channels
- 12.5 / 20 / 25kHz channel spacing
- 100% duty cycle
- Two digit display

Supports:

- Full duplex voice Talk Through Repeater and Line Connected Base
- 1200 baud FFSK and Tait High Speed Data Talk Through Repeater and Line Connected Base

Frequency Band	40/50W	Price
136 – 174 MHz	TBBB1B1-B00-00	2,000
400 – 470 MHz	TBBH5H5-B00-00	2,000
450 – 520 MHz	TBBH7H7-B00-00	2,000

Note: Wall mounting equipment, duplexer and external DC power supply not included. RF equipment such as coax relays, combiners, splitters, couplers, antennas etc not included. Additional configuration costs may apply.

Additional Options	
Power Management	Add
Internal Duplexer	790
Hardware	Add
Wall Mount Bracket	15
Standard Microphone	51

Duplexers

Product Code	Description	Price
T993-050-02-00	138 – 156MHz 50W Customer Tuned	790
T993-050-02-01	138 – 156MHz 50W 4-6 MHz Spacing	
T993-050-02-02	138 – 156MHz 50W 6-8 MHz Spacing	
T993-050-02-03	138 – 156MHz 50W 8-10 MHz Spacing	
T993-050-05-00	152 – 175 MHz 50W Customer Tuned	
T993-050-05-01	152 – 175 MHz 50W 4-6 MHz Spacing	
T993-050-05-02	152 – 175 MHz 50W 6-8 MHz Spacing	
T993-050-05-03	152 – 175 MHz 50W 8-10 MHz Spacing	
T993-050-06-00	406 – 520 MHz 50W Customer Tuned	
T993-050-06-01	406 – 520 MHz 50W 5-7 MHz Spacing	
T993-050-06-02	406 – 520 MHz 50W 7-9 MHz Spacing	
T993-050-06-03	406 – 520 MHz 50W 9-13 MHz Spacing	
T993-050-06-04	406 – 520 MHz 50W 13-16 MHz Spacing	

Microphone

Required for test transmissions. Plugs into the User Interface. The microphone can be configured to transmit over the air or as line audio.



Product Code	Description	Price
TMAA02-01	Microphone	51
TMAA10-01	Desktop Microphone	165

Mounting Bracket

Includes hardware required to attach the TB7100 to a wall, for use in situations without a standard 19-inch rack.

Product Code	Description	Price
TBBA03-01	Wallmount Bracket	15

TB9100 P25 Base Station/Repeater



TB9100 base station offers continuous duty cycle operation at full performance specifications within the complete temperature and altitude range.

With flexible, modular design, practical features and value for money that Tait is renowned for, the TB9100 raises the bar for APCO Project 25 (P25) base stations. It utilizes 28V FET technology for superior performance and reliability. The new TB9100 operates both as a repeater and/or a line-connected base station.

What's more, it's even easier to use. Flexible operating and programming software with an intuitive user interface is at the heart of the TB9100, making it very integrator friendly and easily expandable.

Its practical easy-to-use features coupled with impressive RF performance help make the TB9100 the best choice for your next generation P25 base station.

The TB9100 offers you the following features:

- 255 Channels with up to 1 CTCSS or 1 DCS tone per channel
- Full Remote Control and Diagnostics
- Choice of external interface configurations
- Programmable Operation
- Software Enabled Feature upgrade options
- Choice of single 5W, 50W or 100W configurations.
- Seamless backup battery operation and charging with AC/DC supply

Intelligent • Flexible • High Performance

Digital Controller Design

Designed from the ground up, the TB9100 features a state-of-the-art RISC processor and Digital Signal Processor (DSP), providing very fast, reliable data processing through the latest in digital technology.

28V Technology

More powerful than most base stations in its class. Tait tests the TB9100 to transmit continuously at full power with ambient air temperatures as high as +60°C (140°F) at 4572m (15,000 feet).

Advanced Programming Capabilities

The TB9100's intuitive yet comprehensive programming software with Graphical User Interface (GUI) lets you manage and program over 150 critical parameters, including all monitoring, configuration management and power management features.

Convenient Modular Design

Designed for ease of hook-up and adaptation in the field, the TB9100 is configured with front-loading modules that can be mixed and matched to meet your system needs. Whether expanding from 50 to 100 Watts, or replacing the PA, the TB9100 gives you the flexibility to make changes in the field. A clean back-panel design hides the usual rear unit wiring clutter displaying only the connections required to link to your external radio system.

Built-in Standard Interfaces

The TB9100 has built-in a variety of industry-standard interfaces to enable easy connectivity to the rest of your system. Whether adding a TB9100 to your network through its IP Ethernet, or attaching an analog base station or analog dispatch console through its 4-wire E&M audio line interface, you can connect to a TB9100 directly without additional hardware.

Self-Monitor Capability

The TB9100 manages self-monitoring parameters in its non-volatile memory, requiring no external costly monitor units, saving money, time and hassles. The advanced monitoring system will read the base status, determine the appropriate required action, and perform that action while alerting central control.

Power Management System

The comprehensive power management system provides the ability to automatically switch between AC and DC input power, to move to battery operation in the case of power failure, and to provide an auxiliary power supply for third-party equipment.

Complete Remote Accessibility

The advanced intuitive interface of the TB9100 Customer Service Software (CSS) makes remote management of your system simple. The self-monitoring application has dial-out capability so you are immediately notified of potential issues. Over 150 system parameters can be configured or monitored remotely with the TB9100 Customer Service Software.

Robust Specifications

Built to exceed standard specifications, the TB9100 is designed to withstand extreme temperature conditions. Engineered for maximum reliability, the TB9100 has large heat sinks, advanced cooling, and the intelligence to maintain the highest possible levels of service in adverse environments.

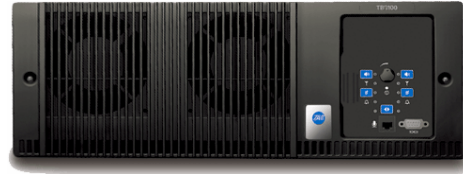
Peak RF Performance

With outstanding specifications for selectivity, adjacent channel interference and fast key-up times, the TB9100 base station was designed using the best RF practices. You can depend on the RF performance of this base station even in the most extreme temperature conditions.

TB9100 Repeater / Base Station Prices

The TB9100 Base Unit is shipped with the following modules included:

- Subrack Front Panel with dual fans
- Control Panel
- Power Management Module
- Power Amplifier
- P25 Single Reciter (Receiver/Exciter) with fitted Network Board
- Requires P25 CAI for digital operation
- CD Manual & Safety and Compliance Booklet



Base Unit	VHF/UHF
Single 1-5w	16,456
Single 5-50w	16,913
Single 10-100w	17,738

Notes: Prices are for DC PMU systems only. Additional configuration costs may apply.

For P25 Digital Operation

P25 operation requires that each base station system should enable the APCO Project 25 Common Air Interface license installed.

This software license key is a separate orderable item. One key is needed for each reciter.

Additional Options	
Power Management	Add
12VDC, 24VDC or 48VDC Power Management Unit (standard configuration)	N/C
AC Power Management Unit (includes AC power cord)	263
AC plus 12/24/48VDC Power Management Unit (includes AC power cord)	1013
Software Feature Enhancements	Add
P25 Common Air Interface - Enables P25 CAI	5625
Analog Line SFE license - Enables P25 on analog line interface	113
Digital Line SFE license - Enables P25 VoIP networking	POA
Networked User Data SFE license - Enables user packet data	POA
MDC1200 Signaling SFE license - Enables support for MDC1200	313
Other Options	Add
Microphone	64
Desktop Microphone	206
Customer Service Software (CSS) Installation License	406

For exact order details and order codes, please contact your Tait Representative.

TB9100 Single 5 Watt System			
Frequency	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S9BJ-A0B2-00P0-A0B0	S9B2-A0B2-00P0-A4B0	S9BE-A0B2-00P0-A4B0
148-174 MHz	S9BJ-A0B3-00P0-A0B0	S9B2-A0B3-00P0-A4B0	S9BE-A0B3-00P0-A4B0
400-440 MHz	S9BJ-A0H1-00P0-A0B0	S9B2-A0H1-00P0-A4B0	S9BE-A0H1-00P0-A4B0
440-480 MHz	S9BJ-A0H2-00P0-A0B0	S9B2-A0H2-00P0-A4B0	S9BE-A0H2-00P0-A4B0
470-520 MHz	S9BJ-A0H3-00P0-A0B0	S9B2-A0H3-00P0-A4B0	S9BE-A0H3-00P0-A4B0
US List Price	16,456	16,719	17,469

TB9100 Single 50 Watt System			
Frequency	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S9BJ-E0B2-00P0-A0B0	S9B2-E0B2-00P0-A4B0	S9BE-E0B2-00P0-A4B0
148-174 MHz	S9BJ-E0B3-00P0-A0B0	S9B2-E0B3-00P0-A4B0	S9BE-E0B3-00P0-A4B0
400-440 MHz	S9BJ-E0H1-00P0-A0B0	S9B2-E0H1-00P0-A4B0	S9BE-E0H1-00P0-A4B0
440-480 MHz	S9BJ-E0H2-00P0-A0B0	S9B2-E0H2-00P0-A4B0	S9BE-E0H2-00P0-A4B0
470-520 MHz	S9BJ-E0H3-00P0-A0B0	S9B2-E0H3-00P0-A4B0	S9BE-E0H3-00P0-A4B0
US List Price	16,913	17,175	17,925

TB9100 Single 100 Watt System			
Frequency	12VDC w/PMU	AC 110V	AC/12VDC
136-156 MHz	S9BJ-J0B2-00P0-A0B0	S9B2-J0B2-00P0-A4B0	S9BE-J0B2-00P0-A4B0
148-174 MHz	S9BJ-J0B3-00P0-A0B0	S9B2-J0B3-00P0-A4B0	S9BE-J0B3-00P0-A4B0
400-440 MHz	S9BJ-J0H1-00P0-A0B0	S9B2-J0H1-00P0-A4B0	S9BE-J0H1-00P0-A4B0
440-480 MHz	S9BJ-J0H2-00P0-A0B0	S9B2-J0H2-00P0-A4B0	S9BE-J0H2-00P0-A4B0
470-520 MHz	S9BJ-J0H3-00P0-A0B0	S9B2-J0H3-00P0-A4B0	S9BE-J0H3-00P0-A4B0
US List Price	17,738	18,000	18,750

Additional configuration costs may apply.

Power Amplifiers

- Built-in Alarm monitoring, and diagnostics.
- Remotely configurable and programmable.
- 100% duty cycle @ 140°F (60°C) 15,000 ft (4500 m).
- 2.5 millisecond keyup time.
- Programmable output power from 1 to 5W in 1W steps.
- A single power amplifier can be fitted into each TB9100 subrack.

1-5W Power Amplifier



5-50W Power Amplifier



10-100W Power Amplifier



Product Code	Description	Price
TBA70B1-0000	136-174MHz, 5 watt PA	1269
TBA70H0-0000	400-520MHz, 5 watt PA	1269
TBA80B1-0000	136-174MHz, 50 watt PA	1725
TBA80H0-0000	400-520MHz, 50 watt PA	1725
TBA90B1-0000	136-174MHz, 100 watt PA	2550
TBA90H0-0000	400-520MHz, 100 watt PA	2550

Power Management Modules

Description:

Single DC Power Supply

A very high efficiency supply designed to run from a nominal 12, 24 or 48 VDC supply. This unit has the same output current capability as the AC Power Supply. The input supply can be negatively or positively earthed. The unit has built in alarms and diagnostics and is remotely controllable and programmable.

Single AC Power Supply

Mains operated power supply. 88 to 264V input with power factor correction. Sufficient output power is provided to drive 1 x 100W transmitter or 2 x 50W transmitters. The unit has built in alarms and diagnostics and is remotely controllable and programmable.



Dual (AC + DC) Power Supply

A power supply combining both AC and DC supplies. Switching from AC to DC is seamless and automatic. This option is required if the TB9100 is mains operated but is required to be powered by a backup DC supply. The DC input supply can be negatively or positively earthed. The unit has built in alarms and diagnostics and is remotely controllable and programmable.

Standard Features

Standby Power Supply, (10W)

The standby supply allows for low current consumption operation. The standby supply is used to run the Reciter alone so that the main 500 W DC supply can be switched off altogether for extended quiet periods. This unit can only be fitted to DC Supply or the AC/DC Supply.

Auxiliary Power Supply / Battery Float Charger (40W output)

The base station itself does not use the output of the Auxiliary Power Supply. This supply is designed to float charge external backup batteries or to supply power to other equipment. The output is floating so it may be negatively or positively earthed.

The auxiliary power supply can be configured to be on all of the time (to supply external equipment) or to be on only while mains is available (e.g. as a float charger for the battery). This module is a beneficial configuration to use with the AC/DC Power Supply. Options are available for 13.65, 27.6, or 48 VDC outputs.

Single Power Supplies

Product Code	Input Options				OUTPUT SUPPLY OPTIONS			
	AC (88-264V)	12VDC (10-16V)	24VDC (20-33V)	48VDC (40-60V)	12V Aux (40W)	24V Aux (40W)	48V Aux (40W)	Standby (10W)
TBA3001-1100		•			•			•
TBA3001-1200		•				•		•
TBA3001-1400		•					•	•
TBA3002-2100			•		•			•
TBA3002-2200			•			•		•
TBA3002-2400			•				•	•
TBA3004-4100				•	•			•
TBA3004-4200				•		•		•
TBA3004-4400				•			•	•
Price 1,250								

TBA30A0-0100	•				•			
TBA30A0-0200	•					•		
TBA30A0-0400	•						•	
Price 1,500								

AC/DC Power Supplies

Product Code	Input Options				OUTPUT SUPPLY OPTIONS			
	AC (88-264V)	12VDC (10-16V)	24VDC (20-33V)	48VDC (40-60V)	12V Aux (40W)	24V Aux (40W)	48V Aux (40W)	Standby (10W)
TBA30A1-1100	•	•			•			•
TBA30A1-1200	•	•				•		•
TBA30A1-1400	•	•					•	•
TBA30A2-2100	•		•		•			•
TBA30A2-2200	•		•			•		•
TBA30A2-2400	•		•				•	•
TBA30A4-4100	•			•	•			•
TBA30A4-4200	•			•		•		•
TBA30A4-4400	•			•			•	•
Price 2,250								

Reciters (Receiver / Exciter)

Reciters are available in the following bands: 136 to 156MHz, 148 to 174MHz, 400 to 440MHz, 440 to 480MHz, and 470 to 520MHz.



A Reciter includes a Receiver, Transmitter, Exciter, DSP and Risk Processor, Low Power RF, and audio stages to give stable performance for the life of the product. The RISC processor controls the Task Manager, alarms system, fault monitoring, diagnostics, remote connectivity, and channel behavior.

The unit includes as standard an internally fitted Network Board, allowing the TB9100 to operate as a P25 repeater or to be connected to Tait APCO Project 25 network.

The unit is shipped with the default analog radio software license already installed.

Other software licenses may be installed including:

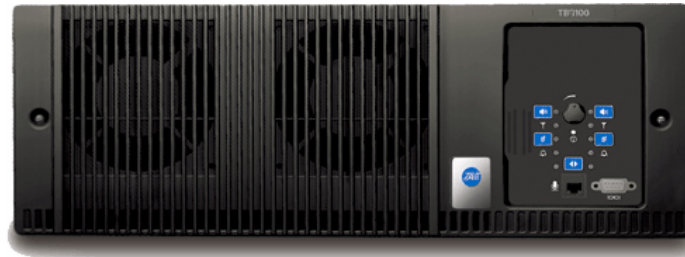
P25 Common Air Interface
Analog Line Interface
Digital Line Interface
Networked User Data
MDC1200 Signaling



The basic configuration of the TB9100 includes one Reciter.

Product Code	Description	Price
TBA40XX-PA00	P25 Reciter with Network Board included	12,375
Where XX is: B2=136-156MHz B3=148-174MHz H1=400-440MHz H2=440-480MHz H3=480-520MHz	PA00 = TaitNet P25 Isolated Audio E/M Network Board	

Subracks



Subrack includes Auxiliary Power Cable and Control Panel.

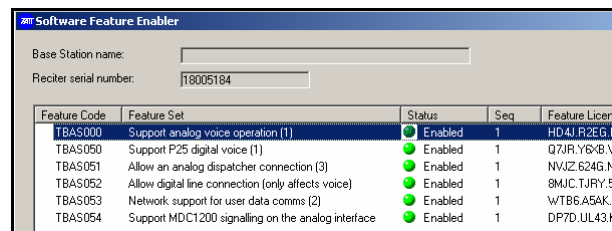
To house the modules, you must include the following subrack:

Description	5/50W	100W	Price
Single Reciter Systems	TBA2325-A000	TBA2327-A000	1563

RJ45 Adaptor Accessory

Product Code	Description	Price
TBA60C0	TB9100 RJ45 Adapter Front Panel 1U	111

Software Enabled Features



The TB9100 Software Feature Enabler is a software licensing system that is used to enable advanced features of the base station. Licenses are applied on a per-feature and per-reciter basis.

Product Code	Description	Price
TBAS050	P25 Common Air Interface - enables P25 CAI	5625
TBAS051	Analog Line - enables P25 on analog line interface	113
TBAS052	Digital Line - enables P25 VoIP networking	4800
TBAS053	Networked User Data	TBD
TBAS054	MDC1200 Signaling	313

Service Accessories

Calibration Test Unit

The TB9100 Calibration Test Unit is required when using the Service Kit to access the reciter when it is not in the subrack.

It is required for system re-tuning and extremely useful for system test and runup, especially when commissioning new configurations, and running radio diagnostics.

The Calibration Test Unit comes complete with the necessary cables.

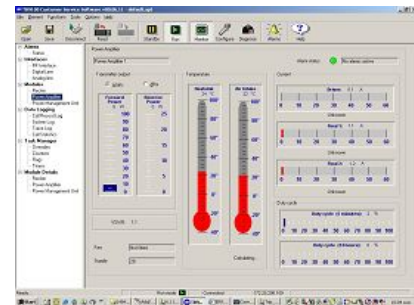


Customer Service Software (CSS) installation license

The Customer Service Software is a software application that runs on a PC or laptop under Windows 2000 or XP.

It is required to configure, monitor, diagnose, or upgrade a TB9100 through a local or remote connection.

The CSS can be installed from the TB9100 Product CD, but requires a Customer Service Software (CSS) installation license.



Tool Kit

Includes:

- Control Panel Board Remover
- Torx-Driver T8
- Torx-Driver T10
- Torx-Driver T20
- Screwdriver PZD-2
- Screwdriver Medium Flat Blade
- Tuning Tool Cer 2.2mm
- Tuning Tool 5CCE
- Socket Head M3 nuts
- Tool bag



Part Number	Description	Price
TBA0STP	TB9100 Calibration Test Unit	731
TBACD001	Customer Service Software (CSS) installation license	406
TBA0ST2	Tool Kit	200

Microphones

Required for test transmissions, the microphone plugs into the User Interface. The microphone can be configured to transmit over the air or as line audio.



Part Number	Description	Price
TMAA02-01	Microphone	64
TMAA10-01	Desktop Microphone	206

Power Cordset

Standard AC power cord for Base Station.

Part Number	Description	Price
T952-340	IEC Cord set (USA/Canada)	13